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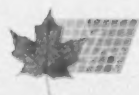
La Gazette du Bureau des brevets



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THE CANADIAN PATENT OFFICE RECORD

LA GAZETTE DU BUREAU DES BREVETS

Sylvain Laporte
Commissioner of Patents

Sylvain Laporte
Commissaire aux brevets

The Canadian Patent Office Record is published on Tuesday of each week under the authority of the Commissioner of Patents, Ottawa-Gatineau, Canada, to whom all communications should be addressed.

La Gazette du Bureau des brevets paraît le mardi de chaque semaine sous l'autorité du Commissaire aux brevets, Ottawa-Gatineau, Canada, à qui doit être adressée toute correspondance.

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Notices

1. Dates and Code Numerals Appearing in Patent Headings

Dates

All dates appearing in the patent headings of this publication follow the form recommended by the International Standards Organization. The four digits on the left represent the years followed by two digits each for the months and the days. For example, January 02, 1999 will be shown as 1999-01-02.

Code Numerals

The numerals within the brackets in the patent headings are INID codes. "INID" is an acronym for "Internationally agreed Numbers for the Identification of Data". These codes are utilized to identify patent bibliography as recommended by the Permanent Committee on Industrial Property Information (PCIP) under the administration of the World Intellectual Property Organization (WIPO) based in Geneva, Switzerland.

The INID Codes and their corresponding definitions of bibliographic data elements are as follows:

- [11] - Number of Patent document
- [13] - Kind-of-document code
- [21] - Number assigned to the Application
- [22] - Date of Filing Application or
- [22] - Date of filing of related divisional application
- [25] - Language in which the published application was originally filed
- [30] - Data relating to priority under the Paris Convention

- [41] - Open to Public Inspection Date
- [45] - Date of Issue
- [48] - Correction Date (Re-Issued, Re-Examined)
- [51] - International Classification
- [52] - Domestic Classification
- [54] - Title of Invention
- [60] - Related by Supplementary Disclosure
- [62] - Related by Division
- [64] - Related by Reissue
- [71] - Name(s) of Applicant(s)
- [72] - Name(s) of Inventor(s)
- [73] - Name(s) of Grantee(s)
- [85] - National Entry Date
- [86] - PCT International Filing Data
- [87] - PCT International Publication data

Avis

1. Dates et chiffres de code figurant à l'entête des brevets

Dates

Toutes dates figurant aux entêtes des brevets de cette publication suivent la forme recommandée par l'Organisation des normes internationales. Les quatre chiffres de gauche représentent les années et sont suivis, vers la droite, de deux autres chiffres chacun, pour les mois et les jours. Le 2 janvier 1999, par exemple, sera représenté par 1999-01-02.

Chiffres de code

Les chiffres à l'intérieur des parenthèses aux entêtes des brevets sont des codes INID. Le sigle « INID » signifie « Identification numérique internationale des données bibliographiques ». Ces codes sont utilisés pour l'identification de la bibliographie de brevets, tel que recommandé par le Comité permanent chargé de l'information en matière de propriété industrielle (PCIP), sous l'administration de l'Organisation mondiale de la propriété intellectuelle (OMPI), sise à Genève, Suisse.

Les codes INID accompagnés des définitions des données bibliographiques correspondantes sont comme suit :

- [11] - Numéro du brevet
- [13] - Désignation du type de document
- [21] - Numéro attribué à la demande
- [22] - Date du dépôt de la demande ou
- [22] - Date du dépôt de la demande divisionnaire apparentée
- [25] - Langue dans laquelle la demande publiée a été initialement déposée
- [30] - Données relatives à la priorité selon la Convention de Paris

- [41] - Date de mise à la disponibilité du public
- [45] - Date de délivrance
- [48] - Date de correction (Redélivrance, Réexamen)
- [51] - Classification internationale
- [52] - Classification nationale
- [54] - Titre de l'invention
- [60] - Apparenté par divulgation supplémentaire
- [62] - Apparenté par division
- [64] - Apparenté par redélivrance
- [71] - Nom(s) du (des) demandeur(s)
- [72] - Nom(s) de(s) l'inventeur(s)
- [73] - Nom(s) du (des) titulaire(s)
- [85] - Date d'entrée en phase nationale
- [86] - Données du dépôt international selon le PCT
- [87] - Données de publication internationale selon le PCT

2. Country Code

The Country Codes appearing in this publication conform to those contained in annex A of the *Handbook on Industrial Property Information and Documentation* published by the World Intellectual Property Organization (WIPO). This document is accessible from a link entitled Standards ST-3 on the List of WIPO Standards, Recommendations and Guidelines (Abbreviated Titles) located on the WIPO Web site: (www.wipo.int/scit/en/standards/standards.htm).

2. Code des pays

Les Codes des pays qui se trouvent dans cette publication sont conformes à ceux dans l'annexe A du *Manuel sur l'information et la documentation en matière de propriété industrielle* publié par l'Organisation Mondiale de la Propriété Intellectuelle (OMPI). Ce document est accessible à partir de l'hyperlien intitulé Normes ST-3 dans la Liste des normes, recommandations et principes directeurs de l'OMPI (Titres abrégés) qui se trouve au site Web de l'OMPI: (www.wipo.int/scit/fr/standards/standards.htm).

3. How to Purchase Paper Copies of Canadian Patents and Canadian Applications Open to Public Inspection

Paper copies of all other Canadian Patents and Canadian applications open to public inspection may be purchased at the cost of \$1 per page by visiting (www.strategis.ic.gc.ca/patentsorder) or by writing to the Commissioner of Patents, Ottawa-Gatineau, K1A 0C9.

3. Comment acheter des copies sur papier de brevets canadiens et de demandes canadiennes mises à la disponibilité du public

Les copies sur papier de tous les autres brevets canadiens et des demandes canadiennes mises à la disponibilité du public peuvent être achetées au coût de 1 \$ par page en visitant notre site Web (www.strategis.ic.gc.ca/brevetscommande) ou en écrivant au Commissaire aux brevets, Ottawa-Gatineau, K1A 0C9.

Item 25.1* On requesting copy in electronic form of a document:

a) for each request	N/A
b) plus, for each patent or application to which the request relates	\$10
c) plus, if the copy is requested on a physical medium, for each physical medium requested in addition to the first	\$10
d) plus, for each additional 10 megabytes or part of them exceeding 7 megabytes	\$10

Article 25.1* Demande d'une copie d'un document sous forme électronique :

a) pour chaque demande	S.O.
b) pour chaque demande de brevet ou brevet visé par la demande	10 \$
c) dans le cas où le document doit être copié sur plus d'un support matériel, pour chaque support matériel additionnel	10 \$
d) pour chaque tranche de 10 méga-octets qui excède 7 méga-octets, l'excédant étant arrondi au multiple supérieur	10 \$

4. Orders for Patents by Class or Sub-Class

A listing of all patents that have issued in each class or sub-class including both patents in force and expired patents, may be ordered at a price of \$1 per page from the Patent Office.

4. Commande de brevets par classe ou sous-classe

Les listes de brevets délivrés dans chaque classe ou sous-classe, incluant les brevets en vigueur et ceux ayant expiré, peuvent être commandées auprès du Bureau des brevets au prix de 1 \$ la page.

5. Advice on Making a Patent Application

Any person intending to file a patent application may obtain an information kit upon request from the Commissioner of Patents, Ottawa-Gatineau, Canada K1A 0C9. It is recommended that applicants make use of the services of a registered Patent Agent. A list of Patent Agents in any area of Canada will also be supplied upon request.

6. Licensing of Patents

Voluntary Licences

Persons desiring to use, make or sell an invention patented in Canada should negotiate terms with the patent owner. The address of the patentee may be obtained by writing to the Commissioner of Patents, Ottawa-Gatineau, Canada, K1A 0C9. If a voluntary licence cannot be arranged, a compulsory licence may be possible.

Compulsory Licences

Three years after a patent has been granted, one may request a compulsory licence to use the patent if there has been an abuse of the exclusive right. See Sections 65 to 71 of the *Patent Act*. Applications for a compulsory licence are made to the Commissioner of Patents.

7. Patents Available for Licence or Sale

An asterisk (*) placed beside any patent listed in this issue of the *Canadian Patent Office Record* indicates that as of the date of grant the said patent is available for licence or sale. These and other patents now made available for licensing are included in the listing in part 8 of these notices.

8. List of Patents Available for Licence or Sale

The following Canadian patents have been made available this week for sale or licensing:

None

5. Conseils relatifs à la préparation de demandes de brevets

Toute personne qui a l'intention de déposer une demande de brevet peut obtenir une trousse d'information sur demande faite au Commissaire aux brevets, Ottawa-Gatineau, Canada K1A 0C9. On recommande aux demandeurs d'avoir recours aux services d'un agent de brevets inscrit au registre. Une liste des agents de brevets dans n'importe quelle région du Canada sera également fournie sur demande.

6. Octroi de licences en vertu des brevets

Licences librement accordées

Les personnes désirant utiliser, fabriquer ou vendre une invention brevetée au Canada doivent en négocier les conditions avec le titulaire du brevet. L'adresse du titulaire peut être obtenue en écrivant au Commissaire aux brevets, Ottawa-Gatineau, Canada, K1A 0C9. S'il est impossible d'obtenir une licence résultant d'un libre accord, il est peut être possible d'obtenir une licence obligatoire.

Licences obligatoires

Il est possible de faire la demande d'une licence obligatoire trois ans après l'octroi d'un brevet si les droits exclusifs qui en dérivent ont donné lieu à un abus. Voir les articles 65 à 71 de la *Loi sur les brevets*. Les demandes de licence obligatoire doivent être présentées au Commissaire aux brevets.

7. Brevets disponibles pour licence ou vente

Un astérisque (*) marqué à côté de tout brevet inscrit dans le présent numéro de la *Gazette du bureau des brevets*, signale qu'à compter de la date de la présente publication, ledit brevet est disponible pour octroi de licence ou vente. Une liste de ces brevets et d'autres mis en disponibilité pour octroi de licence, est publiée au no. 8 des présents avis.

8. Liste des brevets disponibles pour octroi de licence ou vente

Les brevets canadiens suivants ont été mis en disponibilité cette semaine pour vente ou octroi de licence :

Aucun

9. Applications Open to Public Inspection

All patent applications filed since October 1, 1989 and documents filed in connection therewith are open to public inspection at the Patent Office after the expiration of a confidentiality period of eighteen months beginning on the filing date of the application, or where a request for priority has been made in respect to the application, beginning on the priority date claimed. An application may become open to public inspection sooner at the request or with the approval of the applicant (Section 10(2) of the *Patent Act*). However, an application shall not be open for public inspection if it is withdrawn within the time set out in Section 92 of the *Patent Rules*. This time limit is two months before the expiry of the confidentiality period or where the Commissioner is able to stop technical preparations to open the application to the public at a subsequent date.

10. Language of Published Documents

When ordering a published patent, please note that the language of the document can be identified by the language code (INID [25]) EN (English) or FR (French).

11. Patent Cooperation Treaty (PCT) Schedule of Fees Applicable for Applications Filed on or After December 30, 2014

1. Transmittal Fee (Rule 14)	\$300
2. International Filing Fee	\$1544*
For each additional sheet over 30	\$17
3. International Search Fee	\$1600

The above mentioned fees are due at time of filing of the international application, or within one month from the international filing date (date of receipt of the international application by the receiving office). These fees are to be paid in Canadian dollars and cheques should be made payable to the Receiver General for Canada.

If the fees are not paid within one month from the international filing date, the receiving office shall invite the applicant to pay the amount required, together with a late payment fee under Rule 16bis.2, within one month from the date of the invitation. Failure to pay the fees will result in the withdrawal of the application by the receiving office.

9. Demandes mises à la disponibilité du public

Toutes les demandes de brevet et documents relatifs à ceux-ci, déposés au Bureau des brevets depuis le 1^{er} octobre 1989, peuvent y être consultées après l'expiration de la période de confidentialité de dix-huit mois à compter de la date de dépôt de la demande de brevet ou, si une demande de priorité a été présentée à l'égard de celle-ci, de la date de dépôt sur laquelle la demande de priorité est fondée. Une demande de brevet peut être consultée avant l'expiration de la période, à la requête ou sur autorisation du demandeur (article 10(2) de la *Loi sur les brevets*). Toutefois, une demande de brevet ne pourra être consultée si celle-ci est retirée à l'intérieur du délai prévu à l'article 92 des *Règles sur les brevets*. Le délai prévu est de deux mois précédant la date d'expiration de la période de confidentialité ou, lorsque le commissaire est en mesure, à une date ultérieure, d'arrêter les préparatifs techniques en vue de la consultation de cette demande.

10. Langue du document publié

Toute personne intéressée à obtenir une copie d'un brevet publié doit prendre note que les codes suivants EN (Anglais) ou FR (Français) représentent (INID [25]) la langue de la copie du brevet publié.

11. Traité de coopération en matière de brevets (PCT) barème de taxes à partir du 30 décembre 2014

1. Taxe de transmission (Règle 14)	300 \$
2. Taxe de dépôt internationale	1544 \$*
Pour chaque feuille au delà de 30	17 \$
3. Taxe de recherche internationale	1600 \$

Les taxes mentionnées ci-haut sont payables au moment du dépôt de la demande internationale, ou dans un délai d'un mois à compter de la date de dépôt international, (soit la date de réception de la demande internationale par l'office récepteur). Les taxes doivent être payées en dollars canadiens et les chèques sont payables au receveur général du Canada.

Si les taxes n'ont pas été payées dans un délai d'un mois à compter de la date de dépôt international, l'office récepteur invitera le demandeur à payer le montant dû, accompagné de la taxe pour le paiement tardif visée à la règle 16bis.2, dans un délai d'un mois à compter de l'invitation. Si vous omettez de payer les taxes, l'office récepteur retirera votre demande.

Notices

4. Late payment fee

50% of the fees that are due, or,
Minimum: Transmittal fee
Maximum: 50% of the international filing fee

Preliminary Examination

5. Handling fee (Rule 57.2(a)) \$232

6. Preliminary examination fee \$800
(Rule 58)

* International fees will be reduced by:

- \$116 for all applications filed using PCT-EASY,
- \$232 for all applications filed electronically using PCT-SAFE (The request in character coded format).
- \$348 for all applications filed electronically using PCT-SAFE (The request, description, claims and abstract in character coded format).

4. Taxe pour paiement tardif

50% du montant impayé, ou,
Minimum : taxe de transmission
Maximum : 50% de la taxe de dépôt international

Examen préliminaire

5. Taxe de traitement (Règle 57.2a)) 232 \$

6. Taxe d'examen préliminaire 800 \$
(Règle 58)

* Les frais seront réduits de:

- 116 \$ pour toutes les demandes déposées en utilisant PCT-EASY,
- 232 \$ pour toutes les demandes déposées en utilisant PCT-SAFE (La requête étant en format à codage de caractères).
- 348 \$ pour toutes les demandes déposées en utilisant PCT-SAFE (La requête, la description, les revendications et l'abrégé étant en format à codage de caractères).

12. PCT Notices

Patent Cooperation Treaty (PCT)

Copies of the *Patent Cooperation Treaty Applicants Guide* and the *Patent Cooperation Treaty & Regulations* are available from WIPO - World Intellectual Property Organization at a cost of 200 Swiss Francs and 18 Swiss Francs, respectively.

Those wishing for further information including prices for both previous and current subscriptions should contact WIPO at:

Information Products Section
Post Office Box 18
1211 Geneva 20 Switzerland
Telephone (011 41 22) 338-9618
Facsimile (011 41 22) 740-1812

or by "E-mail" (publications.mail@wipo.int) or visit their Web site (www.wipo.int).

12. Avis PCT

Traité de Coopération en matière de brevets (PCT)

Des copies du *Guide du déposant du PCT* ainsi que du *Traité et des Règlements* sont disponibles auprès de l'OMPI - Organisation mondiale de la propriété intellectuelle au coût de 200 francs suisses et 18 francs suisses, respectivement.

Les personnes qui désirent obtenir de plus amples renseignements, notamment sur le prix des abonnements antérieurs et courants, sont priées de s'adresser directement à :

l'OMPI à la Section des produits d'information
Boîte postale 18
1211 Genève 20 Suisse
Téléphone (011 41 22) 338-9618
Télécopieur (011 41 22) 740-1812

ou par courriel (publications.mail@wipo.int) ou visiter leur site Web (www.wipo.int).

13. Practice Notice

STATUTORY HOLIDAYS (*DIES NON*)

Note: *This practice notice is intended to provide guidance on current Canadian Intellectual Property Office (CIPO) practice and interpretation of relevant legislation. However, in the event of any inconsistency between this notice and the applicable legislation, the legislation must be followed.*

Time limits under the Patent, Trade-marks, Industrial Design, Copyright and Integrated Circuit Topography Acts

In accordance with section 26 of the *Interpretation Act*, any person choosing to deliver a document to a designated establishment (including CIPO's offices in Gatineau, Quebec; an Industry Canada regional office; or a Registered Mail establishment) where a federal, provincial or territorial holiday exists, is entitled to an extension of any time limit for the filing of the document that expires on the holiday, until the next day that is not a holiday. It is to be noted, in respect of provincial and territorial holidays, that the entitlement to the extension is dependent on the establishment to which the document is delivered and not on the place of residence of the person for whom the document is filed or of their agent. For this purpose, documents transmitted to CIPO by electronic means, including by facsimile, would be considered to be delivered to CIPO's offices in Gatineau, Quebec.

Operationally, CIPO has no practical way of keeping track of the establishment to which documents are delivered. Accordingly, where a person has a time limit for the filing of a document that expires on a provincial or territorial holiday but only delivers the document on the next day that is not a holiday, CIPO will assume that the document was delivered to an establishment that would justify an extension of the time limit. In such circumstances, it will be the responsibility of the person filing the document to ensure that they are properly entitled to any needed extension of the time limit.

Time limits under the Patent and Trade-marks Acts

In addition to the extensions of time limits referred to above, in accordance with subsection 78(1) of the *Patent Act* and subsection 66(1) of the *Trade-marks Act*, any patent or trade-mark time limit that expires on a day when the Patent and Trade-marks Offices are closed for business is deemed to be extended to the next day when the offices are open for business. All persons are entitled to these extensions regardless of their place of residence or of the establishment to which documents are delivered. No equivalent provisions exist under the *Industrial Design, Copyright or Integrated Circuit Topography Acts*.

13. Énoncé de pratique

JOURS FÉRIÉS (*DIES NON*)

Nota : *Le présent avis a pour objet de fournir une orientation pour les pratiques et l'interprétation à l'Office de la propriété intellectuelle du Canada (OPIC) touchant les lois pertinentes. Toutefois, en cas d'incohérence entre cet avis et la loi applicable, il faut se reporter à la loi.*

Délais prévus dans les lois régissant les brevets, les marques de commerce, les dessins industriels, le droit d'auteur et les topographies de circuits intégrés

Selon l'article 26 de la *Loi d'interprétation*, lorsqu'une personne choisit de livrer un document à un établissement désigné (y compris les bureaux de l'OPIC à Gatineau, au Québec, un bureau régional d'Industrie Canada ou un établissement de Courrier recommandé) dans une province où il y a un jour férié fédéral, provincial ou territorial, tout délai fixé pour le dépôt du document, qui expire un jour férié peut être prorogé jusqu'au jour non férié suivant. Dans le cas d'un jour férié provincial ou territorial, il convient de souligner que le droit à la prorogation dépend de l'établissement auquel le document est livré et non du lieu de résidence de la personne pour laquelle le document est déposé ou de son agent. À cet égard, les documents envoyés à l'OPIC par un moyen électronique, y compris un télécopieur, seraient réputés être livrés aux bureaux de l'OPIC à Gatineau, au Québec.

En pratique, l'OPIC n'a aucun moyen de faire le suivi sur les établissements auxquels des documents sont livrés. En conséquence, si le délai pour le dépôt d'un document tombe un jour férié provincial ou territorial et qu'une personne le livre seulement le jour non férié suivant, l'OPIC tiendra pour acquis que le document a été livré à un établissement qui justifierait une prorogation du délai. Dans de telles circonstances, il incombe au déposant de s'assurer qu'il a droit à une telle prorogation.

Délais prévus dans la Loi sur les brevets et dans la Loi sur les marques de commerce

En plus des prorogations indiquées aux paragraphes précédents, les paragraphes 78(1) de la *Loi sur les brevets* et 66(1) de la *Loi sur les marques de commerce* stipulent que tout délai relatif aux brevets ou aux marques de commerce qui expire un jour où les bureaux des marques de commerce et des brevets sont fermés au public est réputé prorogé jusqu'au jour de réouverture de ces bureaux. Toute personne a droit à une telle prorogation quel que soit son lieu de résidence ou l'établissement auquel les documents sont livrés. Il n'existe pas de disposition du genre dans la *Loi sur les dessins industriels*, la *Loi sur le droit d'auteur* ou la *Loi sur les topographies de circuits intégrés*.

Time limits under the Patent Cooperation Treaty

Rule 80.5 of the *Regulations under the PCT* provides:

"If the expiration of any period during which any document or fee must reach a national Office or intergovernmental organization falls on a day:

on which such Office or organization is not open to the public for the purposes of the transaction of official business;
on which ordinary mail is not delivered in the locality in which such Office or organization is situated;
which, where such Office or organization is situated in more than one locality, is an official holiday in at least one of the localities in which such Office or organization is situated, and in circumstances where the national law applicable by that Office or organization provides, in respect of national applications, that, in such a case, such period shall expire on a subsequent day; or
which, where such Office is the government authority of a Contracting State entrusted with the granting of patents, is an official holiday in part of that Contracting State, and in circumstances where the national law applicable by that Office provides, in respect of national applications, that, in such a case, such period shall expire on a subsequent day; the period shall expire on the next subsequent day on which none of the said four circumstances exists."

CIPO takes the position that section 26 of the *Interpretation Act* applies to PCT international applications filed in Canada. Accordingly, where a person has a time limit under the PCT for the filing of a document in Canada that expires on a provincial or territorial holiday but only delivers the document on the next day that is not a holiday, CIPO will assume that the document was delivered to an establishment that would justify an extension of the time limit. CIPO however takes no position as to whether such extensions would be recognized by other countries and it will be the responsibility of the person filing the document to ensure that in other countries of interest they are properly entitled to any needed extension of the time limit by reason of Rule 80.5 of the *Regulations under the PCT* or some other applicable law.

Provincial and Territorial Holidays

For the purposes of this practice notice, CIPO has identified the following as being days that are not federal holidays but that are holidays in one or more provinces or territories:

Délais prévus dans le Traité de coopération en matière de brevets

La règle 80.5 du *Règlement d'exécution du PCT* prévoit ce qui suit :

"Si un délai quelconque pendant lequel un document ou une taxe doit parvenir à un office national ou à une organisation intergouvernementale expire un jour :

où cet office ou cette organisation n'est pas ouvert au public pour traiter d'affaires officielles;
où le courrier ordinaire n'est pas délivré dans la localité où cet office ou cette organisation est situé;
qui, lorsque cet office ou cette organisation est situé dans plus d'une localité, est un jour férié dans au moins une des localités dans lesquelles cet office ou cette organisation est situé, et dans le cas où la législation nationale applicable par cet office ou cette organisation prévoit, à l'égard des demandes nationales, que, dans cette situation, ce délai prend fin le jour suivant; ou
qui, lorsque cet office est l'administration gouvernementale d'un État contractant chargée de délivrer des brevets, est un jour férié dans une partie de cet État contractant, et dans le cas où la législation nationale applicable par cet office prévoit, à l'égard des demandes nationales, que, dans cette situation, ce délai prend fin le jour suivant; le délai prend fin le premier jour suivant auquel aucune de ces quatre circonstances n'existe plus."

L'OPIC estime que l'article 26 de la *Loi d'interprétation* s'applique aux demandes internationales du PCT déposées au Canada. Par conséquent, lorsqu'un délai prévu dans le cadre du PCT pour le dépôt d'un document au Canada expire un jour férié provincial ou territorial, si le déposant livre le document en question le jour non férié suivant, l'OPIC tiendra pour acquis que le document a été livré à un établissement où une prorogation du délai est justifiée. Toutefois, il ne se prononce pas sur l'acceptation éventuelle de ces prorogations par d'autres pays; il incombera à la personne qui dépose le document de vérifier si elle a droit à une prorogation, dans d'autres pays qui l'intéressent, en vertu de la règle 80.5 du *Règlement d'exécution du PCT* ou d'une autre loi pertinente.

Jours fériés provinciaux ou territoriaux

Aux fins du présent avis, l'OPIC a indiqué que les jours ci-après ne sont pas des jours fériés pour l'administration fédérale, mais ils sont des jours fériés dans au moins une province ou territoire :

Avis

- 1) **Alberta**: 3rd Monday in February (Alberta Family Day)
 - 2) **British Columbia**: 1st Monday in August (British Columbia Day)
 - 3) **New Brunswick**: 1st Monday in August (New Brunswick Day)
 - 4) **Nova Scotia**: 1st Monday in August (Civic Holiday)
 - 5) **Ontario**: 3rd Monday in February (Ontario Family Day) 1st Monday in August (Civic Holiday)
 - 6) **Quebec**: June 24 (St. John the Baptist Day)
 - 7) **Saskatchewan**: 1st Monday in August (Saskatchewan Day)
 - 8) **Yukon**: 3rd Monday in August (Discovery Day) When Patent and Trade-marks Offices are closed for business
- 1) **Alberta** : 3e lundi de février (Jour de la Famille de l'Alberta)
 - 2) **Colombie-Britannique** : 1er lundi d'août (Fête de la Colombie-Britannique)
 - 3) **Nouveau-Brunswick** : 1er lundi d'août (Fête du Nouveau-Brunswick)
 - 4) **Nouvelle-Écosse** : 1er lundi d'août (congé statutaire)
 - 5) **Ontario** : 3e lundi de février (Jour de la Famille de l'Ontario) 1er lundi d'août (congé statutaire)
 - 6) **Québec** : 24 juin (Saint-Jean-Baptiste)
 - 7) **Saskatchewan** : 1er lundi d'août (Fête de la Saskatchewan)
 - 8) **Yukon** : 3e lundi d'août (Jour de la Découverte) Jours de fermeture au public des bureaux des brevets et des marques de commerce

For the purposes of subsection 78(1) of the *Patent Act* and subsection 66(1) of the *Trade-marks Act*, the Patent and Trade-marks Offices are closed for business on the following days:

All Saturdays and Sundays

*New Year's Day (Jan. 1)

Good Friday

Easter Monday

Victoria Day - First Monday immediately preceding May 25

*St. John the Baptist Day (June 24)

*Canada Day (July 1)

Labour Day - First Monday in September

Thanksgiving Day - Second Monday in October

*Remembrance Day (November 11)

*Christmas Day (December 25)

Boxing Day (December 26)

If December 26 falls on a Saturday, the Patent and Trade-marks Offices will be closed on the following Monday. If December 26 falls on a Sunday or Monday, the Offices are closed on the following Tuesday.

* If any of these holidays fall on a Saturday or Sunday, the Patent and Trade-marks Offices will be closed on the following Monday.

14. Practice Notice

LIMITED PARTNERSHIPS CAN BE ENTERED ON THE REGISTER OF AGENTS AND ON THE LIST OF TRADE-MARK AGENTS

Note: This practice notice is intended to provide guidance on current Patent and Trade-marks Office practice and interpretation of relevant legislation. However, in the event of any inconsistency between this notice and the applicable legislation, the legislation must be followed.

Pour l'application des paragraphes 78(1) de la *Loi sur les brevets* et 66(1) de la *Loi sur les marques de commerce*, les bureaux des brevets et des marques de commerce sont fermés au public les jours suivants :

Tous les samedi et dimanche

*Jour de l'An (1er janvier)

Vendredi Saint

Lundi de Pâques

Fête de Victoria - premier lundi précédant immédiatement le 25 mai

*Saint-Jean-Baptiste (le 24 juin)

*Fête du Canada (1er juillet)

Fête du travail - premier lundi de septembre

Jour de l'Action de grâces - deuxième lundi d'octobre

*Jour du souvenir (11 novembre)

*Jour de Noël (25 décembre)

L'après-Noël (26 décembre)

Si le 26 décembre est un samedi, les bureaux des brevets et des marques de commerce seront fermés le lundi suivant. S'il coïncide avec un dimanche ou un lundi, les bureaux le seront le mardi d'après.

* Si l'un ou l'autre de ces jours fériés est un samedi ou un dimanche, les bureaux des brevets et marques de commerce seront fermés le lundi suivant.

14. Énoncé de pratique

LES SOCIÉTÉS EN COMMANDITE PEUVENT ÊTRE INSCRITES AU REGISTRE DES AGENTS DE BREVETS ET SUR LA LISTE DES AGENTS DE MARQUES DE COMMERCE

Nota : Le présent énoncé de pratique a pour but de préciser les pratiques actuelles du Bureau des brevets et du Bureau des marques de commerce et l'interprétation faite par ces derniers de certaines dispositions législatives. Toutefois, en cas de divergence entre le présent énoncé et la législation applicable, c'est la législation qui prévaudra.

Notices

The Patent Office and the Trade-marks Office (hereinafter jointly referred to as "the Offices") have been receiving inquiries as to whether limited partnerships are entitled to act as patent and trade-mark agents before the Offices.

With respect to the register of patent agents, section 15 of the *Patent Act* provides that a register of patent agents shall be kept in the Patent Office on which shall be entered the names of all persons and firms entitled to represent applicants in the presentation and prosecution of applications for patents or in other business before the Patent Office. Section 2 of the *Patent Rules* stipulates that the expression "patent agent" means any person or firm whose name is entered on the register of patent agents pursuant to section 15. Paragraph 15(c) of the *Patent Rules* provides that the Commissioner shall enter on the register of patent agents, on payment of the fee set out in item 33 of Schedule II, the name of **any firm, if the name of at least one member of the firm is entered on the register.**

With respect to the list of trade-mark agents, subsection 28(2) of the *Trade-marks Act* provides that the list of trade-mark agents shall include the names of all persons and firms entitled to represent applicants in the presentation and prosecution of applications for the registration of a trade-mark or in other business before the Trade-marks Office. Paragraph 21(d) of the *Trade-mark Regulations* (1996) stipulates that the Registrar shall, on written request and payment of the fee set out in item 19 of the schedule, enter on a list of trade-mark agents the name of **any firm having the name of at least one of its members entered on the list as a trade-mark agent.**

Both the patent and trade-mark legislation therefore provide that firms may act as agents before the Offices, as long as one of their members is entered on the register or list of agents. It is generally recognised that the term "firm" includes partnerships, and the Offices have already allowed general partnerships and limited liability partnerships to be entered on the register or list of agents. The Offices consider that limited partnerships are also firms, and that they are entitled to act as agents before the Offices.

Therefore, commencing immediately, the Offices will enter upon request, on the register or list of agents, limited partnerships that otherwise meet the requirements set out in the patent and trade-mark legislation.

Le Bureau des brevets et le Bureau des marques de commerce (ci-après appelés conjointement « les Bureaux ») ont reçu des questions à savoir si les sociétés en commandite (en anglais « limited partnerships ») ont le droit d'agir en tant qu'agents de brevets et de marques de commerce auprès des Bureaux.

En ce qui concerne le registre des agents de brevets, l'article 15 de la *Loi sur les brevets* prévoit qu'un registre des agents de brevets est tenu au Bureau des brevets sur lequel sont inscrits les noms de toutes les personnes et entreprises ayant le droit de représenter les demandeurs dans la présentation et la poursuite des demandes de brevet ou dans toute autre affaire devant le Bureau des brevets. Aux termes de l'article 2 des *Règles sur les brevets*, « agent de brevets » s'entend de toute personne ou maison d'affaires dont le nom est inscrit au registre des agents de brevets aux termes de l'article 15. L'alinéa 15(c) des *Règles sur les brevets* prévoit que le commissaire inscrit au registre des agents de brevets, moyennant paiement de la taxe prévue à l'article 33 de l'annexe II, le nom de **toute maison d'affaires dont le nom d'au moins un membre est inscrit au registre des agents de brevets.**

En ce qui concerne la liste des agents de marques de commerce, le paragraphe 28(2) de la *Loi sur les marques de commerce* prévoit que la liste des agents de marques de commerce comporte les noms des personnes et études habilitées à représenter les intéressés dans la présentation et la poursuite des demandes d'enregistrement des marques de commerce et de toute affaire devant le Bureau des marques de commerce. Aux termes de l'alinéa 21d) du *Règlement sur les marques de commerce* (1996), le registraire, sur demande écrite et sur paiement du droit prévu à l'article 19 de l'annexe, inscrit sur la liste des agents de marques de commerce le nom de **toute firme dont le nom d'au moins un membre est inscrit sur la liste à titre d'agent de marques de commerce.**

La législation actuelle sur les brevets et celle sur les marques de commerce prévoient donc que des firmes peuvent agir en tant qu'agents auprès des Bureaux, à condition que l'un de leurs membres soit inscrit au registre ou à la liste des agents. Il est généralement admis que le terme « firme » inclut les sociétés (en anglais « partnerships ») et les Bureaux ont déjà autorisé des sociétés en nom collectif (en anglais « general partnerships ») ainsi que des sociétés à responsabilité limitée (en anglais « limited liability partnerships ») à être inscrites au registre ou à la liste des agents. Les Bureaux considèrent que les sociétés en commandite sont aussi des firmes et qu'elles ont le droit d'agir en tant qu'agents auprès des Bureaux.

En conséquence, sur demande, les Bureaux inscriront désormais au registre, ou à la liste des agents, les sociétés en commandite qui répondent aux exigences de la *Loi sur les brevets* et de la *Loi sur les marques de commerce*.

Avis

The Offices, however, continue to consider that the current patent and trade-mark legislation do not allow corporations to be entered on the register or list of agents, since corporations do not have members and therefore cannot meet the requirements set out in paragraph 15(c) of the *Patent Rules* and paragraph 21(d) of the *Trade-mark Regulations* (1996).

15. Correspondence Procedures

May 8, 2012

Effective May 15, 2012 this notice replaces all previous notices regarding Correspondence Procedures.

Note: *This practice notice is intended to provide guidance on current Canadian Intellectual Property Office practice and interpretation of relevant legislation. However, in the event of any inconsistency between this notice and the applicable legislation, the legislation must be followed.*

For the purposes of sections 5 and 54 of the *Patent Rules*, section 3 of the *Trade-marks Regulations*, section 2 of the *Copyright Regulations*, section 3 of the *Industrial Design Regulations* and section 3 of the *Integrated Circuit Topography Regulations*, the address of the Patent Office, the Office of the Registrar of Trade-marks, the Copyright Office, the Industrial Design section of the Office of the Commissioner of Patents, and the Office of the Registrar of Topographies (hereinafter sometimes collectively referred to as "CIPO") is:

Canadian Intellectual Property Office
Place du Portage I
50 Victoria Street, Room C-114
Gatineau QC K1A 0C9

Correspondence delivered to the above address during ordinary business hours will be considered to be received on the date of delivery.

Note regarding Fee Payment Forms: The Fee Payment Form should always be submitted as a covering document and should be the only document submitted to CIPO that contains financial information, such as credit card numbers.

Download the [Fee Payment Form](#).

Les Bureaux continuent toutefois de considérer que la législation actuelle sur les brevets et les marques de commerce ne permet pas aux compagnies (en anglais « corporations ») d'être inscrites au registre ou à la liste des agents, étant donné que les compagnies n'ont pas de membres et ne peuvent donc pas satisfaire aux exigences de l'alinéa 15c) des *Règles sur les brevets* et de l'alinéa 21d) du *Règlement sur les marques de commerce* (1996).

15. Procédures de correspondance

Le 8 mai 2012

Le présent avis, en vigueur à compter du 15 mai 2012, remplace tous les avis antérieurs aux procédures de correspondance.

Nota : *Le présent avis fournit une orientation concernant les pratiques et interprétations relatives aux lois pertinentes au sein de l'Office de la propriété intellectuelle du Canada. Toutefois, en cas d'incompatibilité entre cet avis et la législation applicable, c'est celle-ci qu'il faudra suivre.*

Aux fins des articles 5 et 54 des *Règles sur les brevets*, de l'article 3 du *Règlement sur les marques de commerce*, de l'article 2 du *Règlement sur le droit d'auteur*, de l'article 3 du *Règlement sur les dessins industriels* et de l'article 3 du *Règlement sur les topographies de circuits intégrés*, l'adresse du Bureau des brevets, du Bureau du registraire des marques de commerce, du Bureau du droit d'auteur, de la Section des dessins industriels du Bureau du commissaire aux brevets, et du Bureau du registraire des topographies (ci-après parfois collectivement appelés « OPIC ») est la suivante :

Office de la propriété intellectuelle du Canada
Place du Portage I
50, rue Victoria, pièce C-114
Gatineau (Québec) K1A 0C9

La correspondance livrée à l'adresse ci-dessus pendant les heures normales d'ouverture sera réputée reçue le jour de la livraison.

Note concernant le formulaire de paiements: Le formulaire de paiements devrait toujours être présenté comme page couverture et devrait être le seul document soumis à l'OPIC contenant de l'information financière telle que les numéros de carte de crédit.

Téléchargez le [formulaire de paiements](#).

1. Designated Establishments

For the purposes of subsections 5(4) and 54(3) of the *Patent Rules*, subsection 3(4) of the *Trade-marks Regulations*, subsection 2(4) of the *Copyright Regulations*, subsection 3(4) of the *Industrial Design Regulations* and subsection 3(4) of the *Integrated Circuit Topography Regulations*, the following are the designated establishments or designated offices to which correspondence addressed to the Commissioner of Patents, the Registrar of Trade-marks, the Copyright Office or the Registrar of Topographies may be delivered **in person**:

1. Industry Canada
C.D. Howe Building
235 Queen Street, Room S-143
Ottawa ON K1A 0H5
Tel.: 613-952-2268
2. Industry Canada
5 Place Ville-Marie, Suite 700
Montreal QC H3B 2G2
Tel.: 514-496-1797
Toll-free: 1 888 237-3037
3. Industry Canada
151 Yonge Street, 4th Floor
Toronto ON M5C 2W7
Tel.: 416-973-5000
4. Industry Canada
Canada Place
9700 Jasper Avenue, Suite 725
Edmonton AB T5J 4C3
Tel.: 780-495-4782
Toll-free: 1 800 461-2646
5. Industry Canada
Library Square
300 West Georgia Street, Suite 2000
Vancouver BC V6B 6E1
Tel.: 604-666-5000

Correspondence delivered, during ordinary business hours, to one of the designated establishments listed above, will be considered to be received on the date of delivery to that designated establishment, only if it is also a day on which CIPO is open for business. Correspondence delivered to a designated establishment on a day when CIPO is closed for business will be considered to be received on the next day on which CIPO is open for business. If, for example, correspondence intended for the Patent Office is delivered to the designated establishment in Toronto on June 24, it will not be considered to be received on June 24 as this is a day on which CIPO is closed for business.

1. Établissements désignés

Aux fins des paragraphes 5(4) et 54(3) des *Règles sur les brevets*, du paragraphe 3(4) du *Règlement sur les marques de commerce*, du paragraphe 2(4) du *Règlement sur le droit d'auteur*, du paragraphe 3(4) du *Règlement sur les dessins industriels* et du paragraphe 3(4) du *Règlement sur les topographies de circuits intégrés*, les établissements ou bureaux désignés où peut être livrée **en personne** la correspondance adressée au commissaire aux brevets, au registraire des marques de commerce, au Bureau du droit d'auteur ou au registraire des topographies sont les suivants :

1. Industrie Canada
Édifice C.D. Howe
235, rue Queen, pièce S-143
Ottawa (Ontario) K1A 0H5
Tél. : 613-952-2268
2. Industrie Canada
5, Place Ville-Marie, pièce 700
Montréal (Québec) H3B 2G2
Tél. : 514-496-1797
Sans frais : 1-888-237-3037
3. Industrie Canada
151, rue Yonge, 4^e étage
Toronto (Ontario) M5C 2W7
Tél. : 416-973-5000
4. Industrie Canada
Canada Place
9700, avenue Jasper, pièce 725
Edmonton (Alberta) T5J 4C3
Tél. : 780-495-4782
Sans frais : 1-800-461-2646
5. Industrie Canada
Library Square
300, rue Georgia Ouest, pièce 2000
Vancouver (C.-B.) V6B 6E1
Tél. : 604-666-5000

La correspondance livrée pendant les heures normales d'ouverture à l'un des établissements désignés susmentionnés sera réputée reçue à la date de livraison à cet établissement seulement si l'OPIC est ouvert au public à cette même date. Sinon, elle sera réputée avoir été reçue à la date du jour d'ouverture suivant de l'OPIC. Par exemple, le courrier destiné au Bureau des brevets et livré le 24 juin à l'établissement désigné à Toronto ne se verra pas attribuer cette date de réception puisque l'OPIC est alors fermé au public.

Avis

Please note that documents delivered to the addresses listed above must be enclosed in a sealed envelope.

2. Registered Mail Service of Canada Post

For the purposes of subsections 5(4) and 54(3) of the *Patent Rules*, subsection 3(4) of the *Trade-mark Regulations*, subsection 2(4) of the *Copyright Regulations*, subsection 3(4) of the *Industrial Design Regulations* and subsection 3(4) of the *Integrated Circuit Topography Regulations*, the Registered Mail Service of Canada Post is a designated establishment or designated office to which correspondence addressed to the Commissioner of Patents, the Registrar of Trade-marks, the Copyright Office or the Registrar of Topographies may be delivered.

Correspondence delivered through the Registered Mail Service of Canada Post will be considered to be received on the date stamped on the envelope by Canada Post, only if it is also a day on which CIPO is open for business. If the date stamp on the Registered Mail is a day when CIPO is closed for business, the Registered Mail will be considered to be received on the next day on which CIPO is open for business.

3. Electronic Correspondence

In accordance with section 8.1 of the *Patent Act*, and for the purposes of subsections 5(6), 54(5), and 68(3) of the *Patent Rules*, subsection 3(6) of the *Trade-marks Regulations*, subsection 2(6) of the *Copyright Regulations*, subsection 3(6) of the *Industrial Design Regulations*, and subsection 3(6) of the *Integrated Circuit Topography Regulations*, correspondence addressed to the Commissioner of Patents, the Registrar of Trade-marks, the Copyright Office or the Registrar of Topographies may be sent by facsimile, online via CIPO's Web site or on an electronic medium only as provided in the current notice.

In accordance with subsection 54(5) of the *Patent Rules*, the request for national entry is the only correspondence addressed to the Commissioner in respect of an international application that can be submitted online or on an electronic medium with the exception of sequence listings and applications prepared using the PCT-EASY or PCT-SAFE as specified in the current notice. Other correspondence submitted online or on an electronic medium in respect of international applications that have not entered the national phase will not be accepted.

Subsection 3(9) of the *Trade-marks Regulations* specifies certain categories of correspondence to which the provisions of subsection 3(6) do not apply and which thus may not be sent by facsimile or online.

Prendre note que les documents livrés aux adresses énumérées ci-dessus doivent être insérés dans une enveloppe scellée.

2. Service Courrier recommandé de Postes Canada

Aux fins des paragraphes 5(4) et 54(3) des *Règles sur les brevets*, du paragraphe 3(4) du *Règlement sur les marques de commerce*, du paragraphe 2(4) du *Règlement sur le droit d'auteur*, du paragraphe 3(4) du *Règlement sur les dessins industriels* et du paragraphe 3(4) du *Règlement sur les topographies de circuits intégrés*, le service Courrier recommandé de Postes Canada est un établissement ou bureau désigné auquel la correspondance adressée au commissaire aux brevets, au Bureau du droit d'auteur ou au registraire des topographies peut être livrée.

La correspondance livrée par l'entremise du service Courrier recommandé de Postes Canada sera réputée reçue à la date estampillée sur l'enveloppe par Postes Canada seulement si l'OPI est ouvert au public à cette date. Sinon, elle sera réputée avoir été reçue à la date du jour d'ouverture suivant de l'OPI.

3. Correspondance électronique

Conformément à l'article 8.1 de la *Loi sur les brevets* et aux fins des paragraphes 5(6), 54(5) et 68(3) des *Règles sur les brevets*, du paragraphe 3(6) du *Règlement sur les marques de commerce*, du paragraphe 2(6) du *Règlement sur le droit d'auteur*, du paragraphe 3(6) du *Règlement sur les dessins industriels* et du paragraphe 3(6) du *Règlement sur les topographies de circuits intégrés*, la correspondance adressée au commissaire aux brevets, au registraire des marques de commerce, au Bureau du droit d'auteur ou au registraire des topographies peut être transmise par télécopieur ou encore en ligne sur le [site web de l'OPI](#) ou à l'aide d'un support électronique et ce, seulement de la manière indiquée dans le présent avis.

Conformément au paragraphe 54(5) des *Règles sur les brevets*, la demande d'entrée dans la phase nationale d'une demande internationale est la seule correspondance adressée au commissaire qui peut être présentée en ligne ou sur support électronique, à l'exception des demandes et des listes de séquences préparés à l'aide de PCT-EASY ou PCT-SAFE, tel qu'indiqué dans le présent avis. Toute autre correspondance présentée en ligne ou sur support électronique relativement à des demandes internationales qui ne sont pas entrées dans la phase nationale ne sera pas acceptée.

Le paragraphe 3(9) du *Règlement sur les marques de commerce* prévoit certaines catégories de correspondance auxquelles les dispositions du paragraphe 3(6) ne s'appliquent pas et qui, par conséquent, ne peuvent pas être envoyées par télécopieur ou en ligne.

Notices

Correspondence sent by facsimile or online to the Commissioner of Patents, the Registrar of Trade-marks, the Copyright Office or the Registrar of Topographies constitutes the original, therefore a duplicate paper copy should not be forwarded.

Correspondence delivered by electronic means of transmission, including facsimile, will be considered to be received on the day that it is transmitted if delivered and received before midnight, local time at CIPO on a day when CIPO is open for business. When CIPO is closed for business, correspondence delivered on that day will be considered to be received on the next day on which CIPO is open for business.

3.1 Facsimile

Facsimile correspondence addressed to the Commissioner of Patents, the Registrar of Trade-marks, the Copyright Office or the Registrar of Topographies may be sent to the following facsimile numbers:

819-953-CIPO (953-2476) or
819-953-OPIC (953-6742)

Facsimile correspondence which is sent to any facsimile number other than those indicated above, including those of a designated establishment or designated office, will be considered not to have been received.

The electronic transmittal report returned to you following your facsimile transmission will constitute your acknowledgment receipt. Confidentiality of the facsimile transmission process cannot be guaranteed.

When submitting a document by facsimile that also has a fee requirement, notification of the preferred mode of payment to be applied must be prominently displayed on the covering letter to ensure expedient processing. Payment arrangements may be made through CIPO's Finance Branch at the following number: 819-994-2269.

Patents

The document presentation requirements set out in sections 69 and 70 of the *Patent Rules* apply to facsimile correspondence.

3.2 Online

Correspondence addressed to the Commissioner of Patents, the Registrar of Trademarks, the Copyright Office or the Registrar of Topographies may be sent electronically via [CIPO's Web site](#).

La correspondance envoyée par télécopieur ou en ligne au commissaire aux brevets, au registraire des marques de commerce, au Bureau du droit d'auteur ou au registraire des topographies tient lieu d'original. Par conséquent, une copie sur support papier ne devrait pas être expédiée.

La correspondance livrée et reçue par voie électronique, y compris par télécopieur, est réputée reçue à l'OPIC le jour même avant minuit, heure locale, lorsque l'OPIC est ouvert au public. Si elle est transmise un jour où l'OPIC est fermé au public, elle est réputée reçue à la date du jour d'ouverture suivant de l'OPIC.

3.1 Correspondance par télécopieur

La correspondance par télécopieur adressée au commissaire aux brevets, au registraire des marques de commerce, au Bureau du droit d'auteur ou au registraire des topographies peut être transmise aux numéros ci-dessous :

819-953-OPIC (953-6742) ou
819-953-CIPO (953-2476)

La correspondance par télécopieur qui est transmise à tout autre numéro de télécopieur que ceux qui sont indiqués ci-dessus, y compris ceux d'établissements ou de bureaux désignés, sera réputée non reçue.

Le rapport de transmission électronique que vous recevez après votre envoi par télécopieur constituera votre accusé de réception de l'envoi. La confidentialité du processus de transmission par télécopieur ne peut pas être garantie.

Quand on transmet par télécopieur un document comprenant une demande d'acquiescement de frais, il faut clairement indiquer le mode de paiement préféré dans la lettre d'envoi en vue d'assurer un traitement rapide. Pour prendre les dispositions nécessaires, on pourra communiquer avec la Direction des finances de l'OPIC en composant le 819-994-2269.

Brevets

Les exigences relatives à la présentation des documents énoncées aux articles 69 et 70 des *Règles sur les brevets* s'appliquent à la correspondance par télécopieur.

3.2 En ligne

La correspondance adressée au commissaire aux brevets, au registraire des marques de commerce, au Bureau du droit d'auteur ou au registraire des topographies peut être transmise par voie électronique sur le [site Web de l'OPIC](#).

Patents

For the purpose of subsection 5(6) of the Patent Rules, the following correspondence with the Patent Office may be sent electronically via CIPO's web site by accessing the following web pages:

- filing an application (regular application);
- filing a request for national entry;
- filing an international application (PCT Safe);
- general correspondence relating to applications and patents;
- maintaining the name of a patent agent on the register of patent agents;
- ordering copies in paper, or electronic form of a document.

Canada as Receiving Office Under the PCT: PCT-SAFE

Pursuant to PCT Rule 89*bis*, CIPO, in its role as a receiving Office, accepts the electronic filing of an international application prepared using the latest version of the WIPO's PCT-Safe software. The filing must be done using CIPO's International Filing e-service, called PCT e-Filing.

Note: Correspondence related to PCT international applications can not be sent electronically to CIPO. Correspondence may be sent by mail, by facsimile or delivered by hand to CIPO or to a designated establishment.

Trade-marks

For the purpose of subsection 3(6) of the *Trade-marks Regulations*, the following correspondence addressed to the Registrar of Trade-marks may be sent electronically via CIPO's Web site, by accessing the following web pages:

- application for the registration of a trade-mark;
- filing of a revised application;
- renewal of a trade-mark registration;
- request to enter a name on the list of trade-mark agents;
- annual renewal of a trade-mark agent;
- requesting copies of trade-mark documents;
- filing of a declaration of use;
- registration of a trade-mark application;
- statement of opposition; and
- request an extension of time in trade-mark opposition proceedings.

Brevets

Aux fins du paragraphe 5(6) des Règles sur les brevets, la correspondance suivante destinée au Bureau des brevets peut être envoyée par voie électronique au moyen du site Web de l'OPIC, notamment par les pages Web suivantes :

- déposer une demande (demande régulière);
- déposer une demande d'entrée dans la phase nationale;
- déposer une demande internationale (PCT Safe);
- correspondance générale concernant des demandes et des brevets;
- maintien du nom d'un agent de brevets dans le registre des agents de brevets;
- commande de copies papier ou d'un document sous forme électronique.

Le Canada comme office récepteur au titre du PCT: PCT-SAFE

Conformément à la Règle 89*bis* du PCT, l'OPIC, à titre d'office récepteur, accepte le dépôt d'une demande internationale préparée à l'aide du logiciel PCT-SAFE fourni par le Bureau international. Le dépôt doit se faire à l'aide du service électronique de dépôt de demandes internationales, appelé dépôt électronique de demande PCT.

Note: La correspondance liée aux demandes internationales PCT ne peut être envoyée par voie électronique à l'OPIC. La correspondance peut être envoyée par courrier, par télécopieur ou remis en mains à l'OPIC ou à un établissement désigné.

Marques de commerce

Aux fins du paragraphe 3(6) du *Règlement sur les marques de commerce*, la correspondance indiquée ci-dessous qui est adressée au registraire des marques de commerce peut être transmise par voie électronique sur le site Web de l'OPIC notamment par les pages Web suivantes :

- demande d'enregistrement d'une marque de commerce;
- demande d'enregistrement d'une marque de commerce modifiée;
- renouvellement de l'enregistrement d'une marque de commerce;
- demande d'inscription d'un nom à la liste des agents de marques de commerce;
- renouvellement annuel d'un agent de marques de commerce;
- commande de copies de documents de marques de commerce;
- dépôt d'une déclaration d'emploi;
- l'enregistrement d'une marque de commerce;
- dépôt d'une déclaration d'opposition; et
- demande de prolongation de délai dans une procédure d'opposition.

Copyrights

For the purpose of subsection 2(6) of the *Copyright Regulations*, the following correspondence addressed to the Copyright Office may be sent electronically via CIPO's Web site, by accessing the following web pages:

- application for registration of a copyright in a work;
- application for registration of a copyright in a performer's performance, sound recording or communication signal;
- Filing a grant of interest;
- Request for certificate of correction;
- ordering copies in paper, or electronic form of a document; and
- general correspondence relating to copyrights.

Industrial Designs

For the purpose of subsection 3(6) of the *Industrial Design Regulations*, the following correspondence addressed to the Commissioner of Patents may be sent electronically via CIPO's web site, by accessing the following web pages:

- application for registration of an industrial design;
- ordering copies in paper, or electronic form of a document;
- general correspondence relating to industrial designs; and
- payment of industrial design maintenance fees.

Integrated Circuit Topographies

For the purpose of subsection 3(6) of the *Integrated Circuit Topography Regulations*, the following correspondence addressed to the Registrar of Topographies may be sent electronically via CIPO's web site, by accessing the following web pages:

- general correspondence relating to integrated circuit topographies.

3.3 Electronic Medium

Patents

The Patent Office will accept correspondence on various types of electronic medium as specified below. The electronic medium should contain a table of contents and be provided with a cover letter, which will be date stamped by CIPO and placed in the application file. Filing date requirements prescribed in the Patent Rules still remain.

Droits d'auteur

Aux fins du paragraphe 2(6) du *Règlement sur le droit d'auteur*, la correspondance indiquée ci-dessous qui est adressée au Bureau du droit d'auteur peut être transmise par voie électronique sur le site Web de l'OPIC. Pour ce faire, il faut accéder les pages Web suivantes :

- demande d'enregistrement d'un droit d'auteur sur une oeuvre;
- demande d'enregistrement d'un droit d'auteur sur une prestation, un enregistrement sonore ou un signal de communication;
- dépôt d'une concession d'intérêt;
- demande de certificat de correction;
- commande de copies des documents papier ou électroniques; et
- correspondance générale relative aux droits d'auteur.

Dessins industriels

Aux fins du paragraphe 3(6) du *Règlement sur les dessins industriels*, la correspondance indiquée ci-dessous qui est adressée au commissaire aux brevets peut être transmise par voie électronique sur le site Web de l'OPIC. Pour ce faire, il faut accéder les pages Web suivantes :

- demande d'enregistrement d'un dessin industriel;
- commande de copies de documents papier ou électroniques;
- correspondance générale relative aux dessins industriels; et
- paiement des droits de maintien des dessins industriels.

Topographies de circuits intégrés

Topographies de circuits intégrés
Aux fins du paragraphe 3(6) du *Règlement sur les topographies de circuits intégrés*, la correspondance indiquée ci-dessous qui est adressée au registraire des topographies peut être transmise par voie électronique sur le site Web de l'OPIC. Pour ce faire, il faut accéder les pages Web suivantes :

- correspondance générale relative aux topographies de circuits intégrés.

3.3 Supports électroniques

Brevets

Le Bureau des brevets acceptera la correspondance transmise à l'aide de divers supports électroniques, tel qu'indiqué ci-dessous. Le support électronique devrait contenir une table des matières et être accompagné d'une lettre explicative, laquelle sera datée par l'OPIC et placée dans le dossier de la demande. Les exigences relatives à la date de dépôt énoncées à l'article 93 des *Règles sur les brevets* resteront applicables.

When submitted on an electronic medium, the parts of the application must be logically broken down in files, which are no larger than 25 megabytes.

With regards to sequence listings under Rule 111 of the Patent Rules, the electronic medium must be separate from any electronic medium which may be filed containing parts of the application itself or amendment(s) thereof.

Canada as Receiving Office Under the PCT: PCT-EASY

Pursuant to PCT Rule 89ter, CIPO, in its role as a receiving Office, accepts the filing of an international application containing the request presented as a print-out prepared using the PCT-EASY features of the PCT-SAFE software made available by the International Bureau together with an electronic medium containing a copy in electronic form of the data contained in the request and of the abstract. For this purpose the Canadian receiving Office will accept any electronic media specified in Annex F of the PCT Administrative Instructions.

Canada as Receiving Office Under the PCT: Electronic Filing of Sequence Listings

Pursuant to PCT Rules 89bis and 89ter, and in accordance with Part 7 of the PCT Administrative Instructions, where an international application contains disclosure of one or more nucleotide and/or amino acid sequence listings, CIPO, in its role as a receiving Office, accepts that the sequence listing part of the description and/or any table related to the sequence listing(s) be filed, at the option of the applicant:

- only on an electronic medium in electronic form in accordance with section 802 of Part 8 of the PCT Administrative Instructions; or
- both on an electronic medium in electronic form and on paper in accordance with section 702 of Part 7 of the PCT Administrative Instructions;

provided that the other elements of the international application are filed as otherwise provided for under the PCT.

The sequence listing part of an international application filed in electronic form and related tables filed in electronic form shall comply with the relevant provisions of Annex C and C-bis of the PCT Administrative Instructions respectively.

Les parties d'une demande qui sont présentées sur support électronique doivent être logiquement réparties en fichiers de 25 mégaoctets au maximum.

En ce qui concerne les listages des séquences prévus à l'article 111 des *Règles sur les brevets*, le support électronique doit être distinct de tout support électronique qui peut être déposé et qui contient des parties de la demande elle-même ou des modifications relatives à la demande.

Le Canada comme office récepteur au titre du PCT: PCT-EASY

Conformément à la Règle 89ter du PCT, à titre d'office récepteur l'OPIIC accepte que le dépôt d'une demande internationale présentée sur support papier et préparée à l'aide des fonctions PCT-EASY du logiciel PCT-SAFE fourni par le Bureau international soit accompagné d'un support électronique contenant une copie sous forme électronique des données figurant dans la demande et l'abrégé. À cette fin, l'office récepteur canadien acceptera tout support électronique indiqué à l'Annexe F des Instructions administratives du PCT.

Le Canada comme office récepteur au titre du PCT: Dépôt électronique des listages de séquences

Conformément aux Règles 89bis et 89ter du PCT et à la Partie 7 des Instructions administratives du PCT, lorsqu'une demande internationale contient la divulgation d'un ou de plusieurs listages des séquences de nucléotides et/ou d'acides aminés, à titre d'office récepteur l'OPIIC accepte le dépôt de la partie de la description contenant les listages des séquences et/ou de tout tableau relatif aux listages des séquences et ce, à la discrétion du requérant :

- seulement sous forme électronique et sur support électronique, conformément à l'article 702 de la Partie 7 des Instructions administratives du PCT; ou
- sur support papier et sur support électronique sous forme électronique, conformément à l'article 702 de la Partie 7 des Instructions administratives du PCT;

à condition que les autres éléments de la demande internationale soient déposés conformément aux dispositions du PCT.

Dans une demande internationale déposée sous forme électronique, la partie qui contient le listage des séquences et les tableaux connexes seront conformes aux dispositions pertinentes de l'Annexe C et de l'Annexe C-bis des Instructions administratives du PCT respectivement.

For this purpose the Canadian receiving Office will accept any electronic media specified in Annex F of the PCT Administrative Instructions. Where both the sequence listing and the tables are filed in electronic form, the listing and the tables shall be contained on separate electronic media which shall contain no other programs or files.

For the purpose of processing the international application, the Canadian receiving Office requires two (2) additional copies of the electronic media containing the sequence listing and/or tables in electronic form, accompanied by a statement that the sequence listings and/or tables contained in the copies are identical to those in electronic form as filed.

For further details concerning the filing of sequence listings and/or tables in electronic form, including the labelling of the electronic media and the calculation of the international filing fee, refer to Section 7 of the PCT Administrative Instructions.

Electronic Media accepted by the Patent Office

The Patent Office will accept 3.5 inch diskette, CD-ROM, CD-R, DVD, DVD-R and any format as specified in Annex F of the PCT Administration Instructions.

The electronic medium must also be free of worms, viruses or other malicious content. Files with malicious content will be deleted.

4. Details concerning the electronic formats accepted

Patents

In accordance with section 8.1 of the *Patent Act*, and for the purposes of subsections 5(6), 54(5), and 68(3) of the *Patent Rules*, the acceptable file formats for documents submitted electronically via the web site or on electronic media are TIFF and PDF. In order to get a correspondence date, the office will accept documents initially filed in other formats provided they are viewable with the software "Stellent Quick View Plus 8.0.0". In these cases, the office will request the documents to be replaced by documents in PDF or TIFF and the submission of a statement to the effect that the replacement documents are the same as the documents initially filed.

Sequence listings can be initially provided in TIFF, PDF or in ASCII file formats. However, as a completion requirement according to section 94 of the *Patent Rules*, a sequence listing in the ASCII format compliant with the "PCT sequence listing standard" has to be submitted. Therefore, CIPO encourages applicants to submit the sequence listings in the ASCII format in the first place

À cette fin, l'office récepteur canadien acceptera tout support électronique prévu à l'Annexe F des Instructions administratives du PCT. Lorsque le listage des séquences et les tableaux sont déposés sous forme électronique, ils le seront sur des supports électroniques distincts ne contenant pas d'autres programmes ni fichiers.

Aux fins du traitement de la demande internationale, l'office récepteur canadien exige deux (2) copies supplémentaires du support électronique contenant le listage de séquences et/ou les tableaux sous forme électronique, accompagnées d'une déclaration indiquant que le listage des séquences et/ou les tableaux contenus dans les copies sont identiques à ceux qui ont été déposés sous forme électronique.

On trouvera à l'article 7 des Instructions administratives du PCT des détails supplémentaires sur le dépôt de listages des séquences et/ou de tableaux sous forme électronique, notamment sur l'étiquetage des supports électroniques et le calcul de la taxe de dépôt internationale.

Supports électroniques acceptés par le Bureau des brevets

Le Bureau de brevets acceptera des disquettes, CD-ROM, CD-R, DVD, DVD-R et tout format spécifié à l'Annexe F des Instructions administratives du PCT.

Le support électronique doit aussi être exempt de tout ver, virus ou autre contenu malveillant. Les fichiers ayant un contenu malveillant seront effacés.

4. Précisions concernant les formats électroniques acceptés

Brevets

Conformément à l'article 8.1 de la *Loi sur les brevets* et aux fins des paragraphes 5(6), 54(5) et 68(3) des *Règles sur les brevets*, les formats de fichiers acceptables pour les documents présentés par voie électronique sur le site Web ou sur support électronique sont les formats TIFF et PDF. Pour qu'une date de correspondance soit attribuée, le Bureau acceptera des documents initialement déposés dans d'autres formats à condition qu'ils soient consultables à l'aide du logiciel « Stellent Quick View Plus 8.0.0 ». Dans de tels cas, le Bureau exigera le remplacement des documents par des fichiers en format PDF ou TIFF, ainsi qu'une déclaration indiquant que ces fichiers sont identiques aux documents initialement déposés.

Les listages des séquences peuvent être initialement déposés sous forme de fichiers TIFF, PDF ou ASCII. Toutefois, afin de compléter la demande, conformément à l'article 94 des *Règles sur les brevets*, un listage des séquences en format ASCII conforme à la Norme PCT de listage des séquences devra être présenté. L'OPIC encourage donc les demandeurs à déposer les listages de séquences en format ASCII dès le départ.

Avis

When applicable, the Patent Office will accept files in the TIFF, PDF and ASCII format when they comply with the following specifications:

TIFF Format:

- TIFF CCITT Group 4, single or multi-page, black & white;
- Resolution of either 300 or 400 dpi;
- The dimensions of the scanned/stored images should match that of the paper requirements, namely 8 1/2" by 11" or A4.

PDF Format:

- Adobe Portable Document Format Version 1.4 compatible;
- Non-compressed text to facilitate searching;
- Unencrypted text;
- No embedded OLE objects;
- All fonts must be embedded and licensed for distribution.

ASCII Format:

- Shall be encoded using IBM Code Page 437, IBM Code Page 932 or a compatible code page.

Industrial Design

For the purposes of subsections 3(6) and 12(3) of the *Industrial Design Regulations*, the acceptable file formats for documents submitted electronically via the web site are: TIFF, JPEG, WPD and Doc. In order to get a correspondence date, the Office will accept documents initially filed in other formats provided they are viewable with the software "Stellent Quick View Plus 8.0.0". In these cases, the Office will request the documents to be replaced by documents in one of the acceptable formats and the submission of a statement to the effect that the replacement documents are the same as the documents initially filed.

When submitting images electronically, we strongly encourage clients to comply with the following specifications:

TIFF Format:

- TIFF CCITT Group 4, single or multi-page, black and white;
- The dimensions of the scanned/stored images should match that of the paper requirements, namely 8 1/2" by 11";
- Resolution of 300 dpi.

Le cas échéant, le Bureau des brevets acceptera des fichiers en format TIFF, PDF et ASCII s'ils sont conformes aux spécifications suivantes :

Format TIFF :

- TIFF CCITT Groupe 4, une ou plusieurs pages, noir et blanc;
- Résolution : 300 ou 400 ppp;
- Les dimensions des images balayées par scanner ou mémorisées doivent être compatibles avec celles qui sont requises pour les papiers, soit 8 1/2 po par 11 po ou A4.

Format PDF :

- Compatible avec Adobe Portable Document Format Version 1.4;
- Texte non comprimé, pour faciliter la recherche;
- Texte non chiffré;
- Pas d'objets OLE incorporés;
- Toutes les polices de caractère doivent être incorporées et leur distribution doit être autorisée.

Format ASCII :

- Le texte sera encodé à l'aide des pages de codes IBM 437 ou IBM 932 ou d'une page de codes compatible.

Dessins industriels

Aux fins des paragraphes 3(6) et 12(3) du *Règlement sur les dessins industriels*, les formats de fichiers acceptables pour les documents présentés électroniquement par le site Web sont : TIFF, JPEG, WPD et DOC. Pour qu'une date de correspondance soit attribuée, le Bureau acceptera des documents initialement déposés dans d'autres formats, à condition qu'ils soient consultables à l'aide du logiciel « Stellent Quick View Plus 8.0.0 ». Dans de tels cas, le Bureau exigera le remplacement des documents par des fichiers présentés dans un des formats acceptables, ainsi qu'une déclaration indiquant que ces fichiers sont identiques aux documents déposés à l'origine.

Nous encourageons fortement les clients à respecter les spécifications suivantes lorsqu'ils déposent des images par voie électronique :

Format TIFF :

- TIFF CCITT Groupe 4, une ou plusieurs pages, noir et blanc;
- Les dimensions des images balayées par scanner ou mémorisées doivent être compatibles avec celles qui sont requises pour les papiers, soit 8 1/2 po par 11 po;
- Résolution : 300 ppp.

Notices

Photographs in JPEG Format:

- JPEG compression, Gray Scale 8 bit (256 Shades of Gray);
- The dimensions of the scanned/stored images should match that of the paper requirements, namely 8 1/2" by 11";
- Resolution of 300 dpi.

For all images submitted in different formats, the office may print and scan the images or convert them to recommended formats prior to loading them in the database.

5. General Information

General information may be obtained by communicating with CIPO's Client Service Centre.

16. Canadian Applications Open to Public Inspection

The *Canadian Patent Office Record* of January 6, 2015 contains applications open to public inspection from December 21, 2014 to December 27, 2014.

Photographies en format JPEG :

- Compression JPEG, échelle de gris de 8 bits (256 tons de gris);
- Les dimensions des images balayées par scanner ou mémorisées doivent être compatibles avec celles qui sont requises pour les papiers, soit 8 1/2 po par 11 po;
- Résolution : 300 ppp.

Pour toutes les images soumises dans différents formats, le bureau peut imprimer les images et les balayer par scanner ou les convertir dans les formats recommandés avant leur chargement dans la base de données.

5. Renseignements généraux

On pourra obtenir des renseignements généraux en communiquant avec le Centre de services à la clientèle de l'OPIC.

16. Demandes canadiennes mises à la disponibilité du public

La *Gazette du bureau des brevets* du 6 janvier 2015 contient les demandes disponibles au public pour consultation pour la période du 21 décembre 2014 au 27 décembre 2014.

Canadian Patents Issued

January 6, 2015

Brevets canadiens délivrés

6 janvier 2015

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[13] C
[51] Int.Cl. A61K 39/00 (2006.01) C12N 5/078 (2010.01) A61K 41/00 (2006.01) C12N 13/00 (2006.01)
[25] EN
[54] **METHOD**
[54] **PROCEDE**
[72] BERG, KRISTIAN, NO
[72] TJELLE, TORUNN E., NO
[72] HOGSET, ANDERS, NO
[72] PRASMICKAITTE, LINA, NO
[73] PHOTOCURE ASA, NO
[85] 2001-09-14
[86] 2000-03-10 (PCT/GB2000/000903)
[87] (WO2000/054802)
[30] GB (9905911.5) 1999-03-15

[11] **2,380,320**
[13] C
[51] Int.Cl. C12N 15/01 (2006.01) C12N 1/20 (2006.01) C12P 13/04 (2006.01) C12P 13/08 (2006.01)
[25] EN
[54] **MUTANT BACTERIAL STRAINS L-LYSINE PRODUCTION**
[54] **PRODUCTION DE L-LYSINE A PARTIR DE SOUCHES MUTANTES BACTERIENNES**
[72] LIAW, HUNGMINJ J., US
[72] EDDINGTON, JOHN M., US
[72] YANG, YUEQIN, US
[72] DANCEY, RICHARD, US
[72] SWISHER, STACIA, US
[72] MAO, WEIYING, US
[73] ARCHER-DANIELS-MIDLAND COMPANY, US
[85] 2002-02-01
[86] 2000-08-01 (PCT/US2000/020899)
[87] (WO2001/009306)
[30] US (60/146,350) 1999-08-02

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[13] C
[51] Int.Cl. G06Q 40/02 (2012.01) G06Q 50/10 (2012.01) G06F 17/30 (2006.01)
[25] EN
[54] **BUSINESS TRANSACTION PROCESSING SYSTEMS AND METHODS**
[54] **SYSTEMES ET PROCEDES DE TRAITEMENT DE TRANSACTIONS COMMERCIALES**
[72] BOBBITT, CHARLES P., US
[72] DOUGHTY, STEVEN G., US
[72] SHAW, ROBERT JAY, US
[73] COMPUTER SCIENCES CORPORATION, US
[85] 2002-04-29
[86] 2000-10-30 (PCT/US2000/029978)
[87] (WO2001/033398)
[30] US (60/162,412) 1999-10-29
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[30] US (60/162,602) 1999-10-29
[30] US (60/162,509) 1999-10-29
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[13] C
[51] Int.Cl. A61K 39/09 (2006.01) A61K 39/02 (2006.01) A61K 39/385 (2006.01) A61K 39/39 (2006.01) A61P 11/00 (2006.01) A61P 27/16 (2006.01) A61P 31/04 (2006.01)
[25] EN
[54] **VACCINE AGAINST STREPTOCOCCUS PNEUMONIAE**
[54] **VACCIN CONTRE STREPTOCOCCUS PNEUMONIAE**
[72] LAFERRIERE, CRAIG ANTONY JOSEPH, BE
[72] POOLMAN, JAN, BE
[73] SMITHKLINE BEECHAM BIOLOGICALS S.A., BE
[85] 2003-03-14
[86] 2001-09-12 (PCT/EP2001/010568)
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[30] GB (0022742.1) 2000-09-15

[11] **2,446,083**
[13] C
[51] Int.Cl. A61K 9/14 (2006.01) A01N 25/00 (2006.01) A61K 9/20 (2006.01) A61K 31/335 (2006.01) A61K 31/337 (2006.01) A61K 31/495 (2006.01)
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[54] **COMPOSITION AND METHODS FOR TREATMENT OF HYPERPLASIA**
[54] **COMPOSITION ET PROCEDES DE TRAITEMENT D'HYPERPLASIE**
[72] DESAI, NEIL P., US
[72] SOON-SHIONG, PATRICK, US
[73] ABRAXIS BIOSCIENCE, LLC, US
[85] 2003-10-31
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January 6, 2015**

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[13] C

[51] Int.Cl. G06F 3/042 (2006.01) G06T 7/60 (2006.01)

[25] EN

[54] **SIZE/SCALE AND ORIENTATION DETERMINATION OF A POINTER IN A CAMERA-BASED TOUCH SYSTEM**

[54] **DETERMINATION DE LA TAILLE/ECHELLE ET DE L'ORIENTATION D'UN POINTEUR DANS UN SYSTEME A EFFLEUREMENT A CAMERAS**

[72] MORRISON, GERALD, CA
[72] AKITT, TREVOR, CA
[72] SU, SCOTT, CA
[73] SMART TECHNOLOGIES ULC, CA
[86] (2448603)
[87] (2448603)
[22] 2003-11-07
[30] US (10/294,917) 2002-11-15

[11] 2,457,919
[13] C

[51] Int.Cl. H01L 29/78 (2006.01) H01L 21/336 (2006.01) H01L 29/10 (2006.01) H01L 29/24 (2006.01)

[25] EN

[54] **SILICON CARBIDE METAL-OXIDE SEMICONDUCTOR FIELD EFFECT TRANSISTORS AND FABRICATING METHODS THEREFOR**

[54] **TRANSISTORS A EFFET DE CHAMP A BASE DE CARBURE DE SILICIUM ET D'OXYDE METALLIQUE ET METHODES POUR LES PRODUIRE**

[72] RYU, SEI-HYUNG, US
[72] AGARWAL, ANANT, US
[72] DAS, MRINAL KANTI, US
[72] LIPKIN, LORI A., US
[72] PALMOUR, JOHN W., US
[72] SINGH, RANBIR, US
[73] CREE, INC., US
[85] 2003-03-31
[86] 2001-09-28 (PCT/US2001/030715)
[87] (WO2002/029900)
[30] US (60/237,426) 2000-10-03
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[30] US (60/294,307) 2001-05-30
[30] US (09/911,995) 2001-07-24

[11] 2,463,377
[13] C

[51] Int.Cl. H01L 51/30 (2006.01) H01L 51/40 (2006.01) H01L 51/50 (2006.01)

[25] EN

[54] **DOPED ORGANIC SEMICONDUCTOR MATERIAL AND METHOD FOR PRODUCTION THEREOF**

[54] **MATERIAU SEMI-CONDUCTEUR ORGANIQUE DOPE ET SON PROCEDE DE PRODUCTION**

[72] WERNER, ANSGAR, DE
[72] PFEIFFER, MARTIN, DE
[72] FRITZ, TORSTEN, DE
[72] LEO, KARL, DE
[73] NOVALED AG, DE
[85] 2004-06-25
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[30] DE (102 07 859.9) 2002-02-20

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[54] **APPARATUSES AND METHODS FOR AUTOMATICALLY ASSESSING AND MONITORING A PATIENT'S RESPONSIVENESS**

[54] **APPAREILS ET PROCEDES SERVANT A EVALUER ET A SUIVRE AUTOMATIQUEMENT LA REACTION D'UN PATIENT**

[72] HICKLE, RANDALL S., US
[73] SCOTT LABORATORIES, INC., US
[85] 2004-06-28
[86] 2002-12-30 (PCT/US2002/041682)
[87] (WO2003/057296)
[30] US (60/342,773) 2001-12-28
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[54] **DELETED SEQUENCE IN M. TUBERCULOSIS, METHOD FOR DETECTING MYCOBACTERIA USING THESE SEQUENCES AND VACCINES**

[54] **SEQUENCE SUPPRIMEE DANS M. TUBERCULOSIS, PROCEDE DE DETECTION DE MYCOBACTERIES AU MOYEN DE CES SEQUENCES ET VACCINS**

[72] COLE, STEWART, FR
[72] BROSCHE, ROLAND, FR
[72] GORDON, STEPHEN, GB
[72] EIGLMEIER, KARIN, FR
[72] GARNIER, THIERRY, FR
[72] HEWINSON, GLYN, GB
[73] INSTITUT PASTEUR, FR
[85] 2004-08-20
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[54] **MULTIVALENT CONSTRUCTS FOR THERAPEUTIC AND DIAGNOSTIC APPLICATIONS**

[54] **PRODUITS DE SYNTHÈSE MULTIVALENTS POUR APPLICATIONS THÉRAPEUTIQUES ET DIAGNOSTIQUES**

[72] ARBOGAST, CHRISTOPHE, FR
[72] BUSSAT, PHILIPPE, FR
[72] DRANSFIELD, DANIEL T., US
[72] FAN, HONG, US
[72] LINDER, KAREN E., US
[72] MARINELLI, EDMUND R., US
[72] NANJAPPAN, PALANIAPPA, US
[72] NUNN, ADRIAN, US
[72] PILLAI, RADHAKRISHNA, US
[72] POCHON, SYBILLE, CH
[72] RAMALINGAM, KONDAREDDIAR, US
[72] SATO, AARON, US
[72] SHRIVASTAVA, AJAY, US
[72] SONG, BO, US
[72] SWENSON, ROLF E., US
[72] VON WRONSKI, MATHEW A., US
[72] WALKER, SHARON MICHELE, US
[72] YAN, FENG, FR
[73] DYAX CORP., US
[73] BRACCO SUISSE SA, CH
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[54] **ANTIMICROBIAL MELAMINE RESIN AND PRODUCTS MADE THEREFROM**

[54] **RESINE DE MELAMINE ANTIMICROBIENNE ET PRODUITS FABRIQUÉS À PARTIR DE CETTE DERNIÈRE**

[72] HANRAHAN, WILLIAM D., US
[72] ONG, IVAN W., US
[72] PARIANO, LAURIE J., US
[73] MICROBAN PRODUCTS COMPANY, US
[85] 2004-12-30
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[54] **USE OF SALTS OF LAYERED DOUBLE HYDROXIDES**

[54] **EMPLOI DE SELS DE DOUBLES HYDROXYDES EN COUCHES**

[72] MICHEL, EDUARD, DE
[72] BAUR, RUDIGER, DE
[72] MACHOLDT, HANS-TOBIAS, DE
[73] CLARIANT PRODUKTE (DEUTSCHLAND) GMBH, DE
[85] 2005-02-02
[86] 2003-07-09 (PCT/EP2003/007424)
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[54] **NOUVEAU VARIANTS DE CELLULASES HYPROCREA JECORINA CBHI**

[72] DAY, ANTHONY G., US
[72] GOEDEGEBOUR, FRITS, NL
[72] GUALFETTI, PETER, US
[72] MITCHINSON, COLIN, US
[72] NEEFE, PAULIEN, NL
[72] SANDGREN, MATS, SE
[72] SHAW, ANDREW, US
[72] STAHLBERG, JERRY, SE
[73] GENENCOR INTERNATIONAL, INC., US
[85] 2005-02-15
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[54] **PREDICTIVE TEXT INPUT SYSTEM FOR A MOBILE COMMUNICATION DEVICE**

[54] **SYSTÈME D'ENTRÉE DE TEXTE PREDICTIVE POUR UN DISPOSITIF DE COMMUNICATION MOBILE**

[72] GRIFFIN, JASON T., CA
[73] BLACKBERRY LIMITED, CA
[86] (2497585)
[87] (2497585)
[22] 2005-02-18
[30] EP (04003867.1) 2004-02-20

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[54] **COMPOSITIONS CONTAINING FLUORINE SUBSTITUTED OLEFINS**
[54] **COMPOSITIONS CONTENANT DES OLEFINES SUBSTITUEES PAR DU FLUOR**
[72] SINGH, RAJIV R., US
[72] PHAM, HANG T., US
[72] WILSON, DAVID P., US
[72] THOMAS, RAYMOND H., US
[73] HONEYWELL INTERNATIONAL INC., US
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[54] **PROCESSES OF FORMING MINERAL FIBRES**
[54] **PROCEDES DESTINES A FORMER DES FIBRES MINERALES**
[72] HANSEN, PETER FARKAS BINDERUP, DK
[72] NYKIEL, GUIDO, DE
[72] LEISMANN, ANDREAS, DE
[73] ROCKWOOL INTERNATIONAL A/S, DK
[85] 2005-04-29
[86] 2003-11-06 (PCT/EP2003/012373)
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[30] EP (03253600.5) 2003-06-06

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[25] EN
[54] **METHOD FOR THE PRODUCTION OF A PLANT-BASED CONSTRUCTION MATERIAL AND CONSTRUCTION MATERIAL OBTAINED BY MEANS OF SAID METHOD**
[54] **PROCEDE POUR FABRIQUER UN MATERIAU DE CONSTRUCTION A BASE VEGETALE ET MATERIAU DE CONSTRUCTION RESULTANT DE CE PROCEDE**
[72] FREUDIGER, MARTIN, CH
[73] NAWARO AG, CH
[85] 2005-04-25
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[54] **HUMANIZED ANTIBODIES AGAINST MONOCYTE CHEMOTACTIC PROTEINS**
[54] **ANTICORPS HUMANISES DIRIGES CONTRE DES PROTEINES CHIMIOACTIQUES DE MONOCYTES**
[72] DE FOUGEROLLES, ANTONIN R., US
[72] KOTELIANSKI, VICTOR E., US
[72] GARBER, ELLEN, US
[72] REID, CARL, US
[72] SALDANIA, JOSE W., GB
[72] VAN VLIJMEN, HERMAN, US
[73] BIOGEN IDEC MA INC., US
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[30] US (60/430,007) 2002-11-27

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[13] C

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[25] FR
[54] **VEHICLE DESIGNED TO TRAVEL ALONG AT LEAST ONE RAIL**
[54] **VEHICULE PREVU POUR SE DEPLACER LE LONG D'AU MOINS UN RAIL**
[72] NAST, JEAN-DANIEL, FR
[73] ALSTOM TRANSPORT SA, FR
[86] (2511074)
[87] (2511074)
[22] 2005-06-28
[30] FR (04 07401) 2004-07-02

[11] 2,516,390
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[25] EN
[54] **GENERATING AND UPDATING ENHANCED BUSINESS INFORMATION**
[54] **GENERATION ET MISE A JOUR DE RENSEIGNEMENTS COMMERCIAUX AMELIORES**
[72] STOKER, SANDRA L., US
[72] SHARIF, AHMAD TARIQ, US
[72] PREVOZNAK, MICHAEL E., US
[72] LUCAS, CHRISTOPHER JOHN, US
[72] BENKE, CHARLES R., US
[72] SECKLER, MARIA P., US
[72] DUCKWORTH, ALAN, US
[73] DUN & BRADSTREET, INC., US
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[54] **METHOD AND MODULE FOR BLOCKING RESPECTIVELY UNBLOCKING OF MONEY ACCOUNTS**

[54] **PROCEDE ET MODULE POUR BLOQUER RESPECTIVEMENT DEBLOQUER DES COMPTES D'ARGENT**

[72] BUSCH LAUPER, KARIN, CH

[72] CANTINI, RENATO, CH

[73] SWISSCOM AG, CH

[85] 2005-08-19

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[54] **WALL ANCHOR**

[54] **DISPOSITIF DE FIXATION MURAL**

[72] MCDUFF, PIERRE, CA

[73] COBRA FIXATIONS CIE LTEE - COBRA ANCHORS CO. LTD., CA

[85] 2005-09-02

[86] 2004-03-04 (PCT/CA2004/000329)

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[54] **SULFAMATE BENZOTHIOPHENE DERIVATIVES AS STEROID SULFATASE INHIBITORS**

[54] **DERIVES DE SULFAMATE BENZOTHIOPHENE UTILISES EN TANT QU'INHIBITEURS DE LA STEROIDE SULFATASE**

[72] LAFAY, JEAN, FR

[72] RONDOT, BENOIT, FR

[72] CARNIATO, DENIS, FR

[72] BONNET, PAULE, FR

[72] CLERC, THIERRY, FR

[72] SHIELDS, JACQUELINE, FR

[72] DUC, IGOR, FR

[72] DURANTI, ERIC, FR

[73] LABORATOIRE THERAMEX, MC

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[86] 2003-05-16 (PCT/EP2003/008811)

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[54] **ADAPTIVE COEFFICIENT SCAN ORDER**

[54] **ORDRE DE BALAYAGE DE COEFFICIENTS ADAPTATIF**

[72] SRINIVASAN, SRIDHAR, US

[73] MICROSOFT CORPORATION, US

[86] (2527654)

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[13] C

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[54] **MOBILE TERMINAL WITH AT LEAST TWO TRANSDUCERS**

[54] **TERMINAL MOBILE COMPORTANT AU MOINS DEUX TRANSDUCTEURS**

[72] DOUHET, GERARD, FR

[72] DUFOSSE, STEPHANE, FR

[72] GUILLOTIN, ALAIN, FR

[73] DRNC HOLDINGS, INC., US

[86] (2533170)

[87] (2533170)

[22] 2006-01-18

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[54] **DELIVERY OF THERAPEUTIC COMPOUNDS TO THE BRAIN AND OTHER TISSUES**

[54] **ADMINISTRATION DE COMPOSES THERAPEUTIQUES AU CERVEAU ET AUTRES TISSUS**

[72] KAKKIS, EMIL D., US

[73] BIOMARIN PHARMACEUTICAL INC., US

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[54] **BISPECIFIC ANTIBODY SUBSTITUTING FOR FUNCTIONAL PROTEINS**

[54] **ANTICORPS BISPECIFIQUE SUBSTITUANT DES PROTEINES FONCTIONNELLES**

[72] HATTORI, KUNIHITO, JP

[72] KOJIMA, TETSUO, JP

[72] MIYAZAKI, TARO, JP

[72] SOEDA, TETSUHIRO, JP

[73] CHUGAI SEIYAKU KABUSHIKI KAISHA, JP

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[30] JP (PCT/JP03/13062) 2003-10-10

[30] JP (PCT/JP03/13123) 2003-10-14

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[54] **METHOD AND SYSTEM OF PRODUCT DEVELOPMENT PROCESS FOR CHEMICAL COMPOSITIONS USING HIGH VOLUME MODELING**

[54] **PROCEDE ET SYSTEME POUR DEVELOPPER DES PRODUITS POUR DES COMPOSITIONS CHIMIQUES AU MOYEN D'UNE MODELISATION A VOLUME ELEVE**

[72] WOLLENBERG, ROBERT H., US

[72] BALK, THOMAS J., US

[73] CHEVRON OROKITE COMPANY LLC, US

[85] 2006-04-18

[86] 2004-10-27 (PCT/US2004/035821)

[87] (WO2005/045627)

[30] US (10/699,506) 2003-10-31

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[54] **OLIGOPEPTIDES SERVANT DE MATERIAU D'ENROBAGE POUR DES PRODUITS MEDICAUX**

[72] HOFFMANN, ERIKA, DE

[72] HOFFMANN, MICHAEL, DE

[72] HORRES, ROLAND, DE

[73] HEMOTEQ AG, DE

[85] 2006-04-03

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[54] **HIGHLY CONVERTIBLE ENDOLUMENAL PROSTHESES AND METHODS OF MANUFACTURE**

[54] **PROTHESES ENDOLUMINALES A CONVERSION ELEVEE ET PROCEDES DE FABRICATION**

[72] WILLIAMS, MICHAEL S., US

[72] LANGER, ROBERT S., US

[72] WANG, YADONG, US

[73] SYNECOR, LLC, US

[85] 2006-04-20

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[54] **AGRAFE CHIRURGICALE**

[72] HUITTEMA, THOMAS W., US

[72] SMITH, DAVID B., US

[73] ETHICON ENDO-SURGERY, INC., US

[86] (2543568)

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[30] US (10/907,770) 2005-04-14

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[13] C

[51] **Int.Cl. C12N 5/0775 (2010.01) C12N 5/071 (2010.01) A01N 1/02 (2006.01) A61K 6/00 (2006.01) C12N 1/04 (2006.01)**

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[54] **MULTIPOTENT POSTNATAL STEM CELLS FROM HUMAN PERIODONTAL LIGAMENT AND USES THEREOF**

[54] **CELLULES SOUCHES SOMATIQUES MULTIPOTENTES D'UN LIGAMENT PERIODONTIQUE D'UN ETRE HUMAIN ET LEURS UTILISATIONS**

[72] SHI, SONGTAO, US

[72] SEO, BYOUNG-MOO, KR

[72] MIURA, MASAKO, US

[73] GOVERNMENT OF THE UNITED STATES OF AMERICA AS REPRESENTED BY THE SECRETARY OF THE DEPARTMENT OF HEALTH AND HUMAN SERVICES, NATIONAL INSTITUTES OF HEALTH, US

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[54] **COMPOUNDS AND METHODS FOR INCREASING NEUROGENESIS**

[54] **COMPOSES ET PROCEDES POUR ACCROITRE LA NEUROGENESE**

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[72] ERLANDSSON, RIKARD, SE
[72] FRISEN, JONAS, SE
[72] HAEGESTRAND, ANDERS, SE
[72] HEIDRICH, JESSICA, SE
[72] HELLSTROM, NINA, SE
[72] HAGGBLAD, JOHAN, SE
[72] JANSSON, KATARINA, SE
[72] KORTESMAA, JARKKO, SE
[72] LINDQUIST, PER, SE
[72] LUNDH, HANNA, SE
[72] MCGUIRE, JACQUELINE, SE
[72] MERCER, ALEX, SE
[72] NYBERG, KARL, SE
[72] OSSOINAK, AMINA, SE
[72] PATRONE, CESARE, SE
[72] ROENNHOLM, HARRIET, SE
[72] WIKSTROEM, LILIAN, SE
[72] ZACHRISSON, OLOF, SE
[73] NEURONOVA AB, SE
[85] 2006-05-19
[86] 2004-11-19 (PCT/IB2004/004451)
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[54] **OPTICAL ASSEMBLIES**

[54] **ENSEMBLES OPTIQUES**

[72] FISHER, JOHN J., US
[73] SAMSUNG ELECTRONICS CO., LTD., KR
[86] (2548857)
[87] (2548857)
[22] 2006-05-30
[30] US (60/686,543) 2005-06-01

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[54] **DISPOSITIF D'INJECTION DE MEDICAMENT PAR JET SANS AIGUILLE**

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[73] ALZA CORPORATION, US
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[54] **SYSTEME ET PROCEDE DE REPERAGE, D'ANALYSE ET DE RAPPORT DE DONNEES MEDICALES POUR UN SYSTEME DE SOINS DE SANTE**

[72] BELLO, BRYAN, US
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[72] BROWNE, BARBARA G., US
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[72] DE JOYA, MANUEL, US
[72] KLAND, MICHELE, US
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[72] GOTHOSKAR, PRAKASH, US
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[72] MONTGOMERY, ROBERT KETHI, US
[72] PATEL, VIPULKUMAR, US
[72] SHASTRI, KALPENDU, US
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[72] MURRAY, FRANK C., US
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[72] EDWARDS, STEVEN L., US
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[72] RAFI, GHOLAMREZA ZEINOLABEDIN, CA
[72] SAFAVI-NAEINI, SAFIEDDIN, CA
[72] CHAUDHURI, SUJEET K., CA
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[73] UMICORE AG & CO. KG, DE

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[54] **COMMANDE DE DIRECTION D'UN CATHETER D'IMAGERIE A ULTRASONS**

[72] ALTMANN, ANDRES CLAUDIO, IL

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[72] GOVARI, ASSAF, IL

[73] BIOSENSE WEBSTER, INC., US

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[73] JOHANNES PETRUS MARIA, NL

[73] IRIDETO B. V., NL

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[54] **ARTICULATIONS HYDRAULIQUES ET ELECTRIQUES POUR INSTRUMENTS CHIRURGICAUX**

[72] SHELTON, FREDERICK E., IV, US

[72] SWAYZE, JEFFREY S., US

[73] ETHICON ENDO-SURGERY, INC., US

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[54] **ALPHA-AMYLASES STABLES EN MILIEU ACIDE PRESENTANT UNE ACTIVITE D'HYDROLYSE DE L'AMIDON GRANULAIRE ET COMPOSITIONS D'ENZYMES**

[72] DUNN-COLEMAN, NIGEL, US

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[72] LANTZ, SUZANNE E., US

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[54] **DISPOSITIF DE CHARGEMENT JETABLE ET INSTRUMENTS CHIRURGICAUX AINSI EQUIPES**

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[72] FUGIKAWA, LESLIE M., US

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[72] STERR, KEVIN, US

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[72] DANIELS, WILLIAM JAMES, US

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[54] **PROCEDE ET APPAREIL DESTINES A TRANSMETTRE DE DONNEES A COMPATIBILITE VERS LE BAS DANS UN RESEAU SANS FIL A HAUT DEBIT**

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[54] **COMPOSITION PHYSIOLOGIQUEMENT ACTIVE A BASE DE COLLAGENE**

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[54] **COMPOSITIONS MOUSSANTES SANS PROTEINES ET PROCEDES DE FABRICATION DE CELLES -CI**

[72] ZELLER, BARY LYN, US

[72] VAN SEEVENTER, PAUL

[72] BASTIAAN, NL

[72] POORTINGA, ALBERT THIJS, NL

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[54] **ATTIBUTION DYNAMIQUE DE LARGEUR DE BANDE POUR DES COMMUNICATIONS A ACCES MULTIPLES FAISANT APPEL A DES FACTEURS DE PRIORITE DE TAMPON**
[72] GORSUCH, THOMAS E., US
[72] AMALFITANO, CARLO, US
[72] PROCTOR, JAMES A., JR., US
[73] INTEL CORPORATION, US
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[72] NELSON, SCOTT D., US
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[54] **MULTIPLE TRANSMITTER AND RECEIVER WELL LOGGING DEVICE WITH ERROR CALIBRATION SYSTEM**
[54] **DISPOSITIF DE DIAGRAPHIE A EMETTEURS ET RECEPTEURS MULTIPLES, EQUIPE D'UN SYSTEME D'ETALONNAGE D'ERREUR**
[72] FLANAGAN, WILLIAM D., US
[73] SONDEX LIMITED, GB
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[54] **HAUT-PARLEUR ELECTROSTATIQUE A DIFFUSION SONORE HORIZONTALE ET VERTICALE**
[72] HARMAN, MURRAY R., CA
[73] HARMAN, MURRAY R., CA
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[72] PATRONE, LOUIS, US
[73] MULTISORB TECHNOLOGIES, INC., US
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[73] USNR/KOCKUMS CANCAR COMPANY, US
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[54] **TEMPERED MARTENSITIC STEEL, METHOD OF PRODUCING A PART FROM SAID STEEL AND PART THUS OBTAINED**

[54] **ACIER MARTENSITIQUE DURCI, PROCEDE DE FABRICATION D'UNE PIECE A PARTIR DE CET ACIER, ET PIECE AINSI OBTENUE**

[72] MONTAGNON, JACQUES, FR
[72] HERITIER, PHILIPPE, FR
[72] PESLERBE, ISABELLE, FR
[72] MONS, CLAUDE, FR
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[73] BIOGEN IDEC MA INC., US
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[73] FCI HOLDINGS DELAWARE, INC., US
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[72] DIPIETRO, DEAN, US
[73] HELEN OF TROY LIMITED, BB
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[54] **DISPOSITION DE MONTAGE D'UN COLLIER FLOTTANT DE TURBINE A GAZ**

[72] MARKARIAN, LORIN, CA
[72] PATEL, BHAWAN B., CA
[73] PRATT & WHITNEY CANADA CORP., CA
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[73] ROCKSTAR CONSORTIUM US LP, US
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[54] **METHOD AND SYSTEM FOR PROVIDING DYNAMIC BRANDING IN A COMPUTER PROGRAM OR SUITE**

[54] **METHODE ET SYSTEME POUR LA FOURNITURE DE MARQUE DISTINCTIVE DYNAMIQUE DANS UN PROGRAMME INFORMATIQUE**

[72] KARUL, CUNEY, CA
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[73] ECHOWORX CORPORATION, CA
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[54] **APPAREIL D'ADMINISTRATION DE MEDICAMENTS PORTATIF**

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[72] DIPIERRO, GUY, US
[73] CHRONO THERAPEUTICS, INC., US
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[72] SCARBOROUGH, DAVID E., US
[73] SCENTFREE OUTDOORS, L.C., US
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[72] HERRERA SANCHEZ, MARIA BEATRIZ, IT
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[54] **DISPOSITIF DE COMMANDE POUR ORDINATEUR A SUPPORT POUR LA MAIN**
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[72] SMIT, ROBBERT, TW
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[54] **COMPOSES PRECURSEURS AUX COMPOSES DE BENZOFURANE ANTIARYTHMIQUES, PROCEDES DE SYNTHESE ET PROCEDES D'UTILISATION**
[72] DRUZGALA, PASCAL, US
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[54] **COMPOSITION D'ACIER INOXYDABLE MARTENSITIQUE, PROCEDE DE FABRICATION D'UNE PIECE MECANIQUE A PARTIR DE CET ACIER ET PIECE AINSI OBTENUE**
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- [72] LEE, CHING-PANG, US
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- [72] CHERRY, DAVID GLENN, US
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- [72] LINDQUIST, KARIN CHARLOTTA, SE
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- [73] KOEHLER-BRIGHT STAR, INC., US
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[72] NISIUS, RAIMUND, DE
[72] REISINGER, FRANK, DE
[72] ROSENAU, DIRK, DE
[72] ROTH, SABINE, DE
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[72] STEIN, ROBERT, US
[73] SUNCAST TECHNOLOGIES, LLC, US
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[54] **MATERIAUX COMPOSITES A COMPOSITION MODULEE ET LEURS PROCEDES DE FABRICATION**
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[73] MODUMETAL, LLC., US
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[72] PRENTICE, THOMAS CAMPBELL, GB
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[72] LEWIS, DAVID RICHARD, GB
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[54] **METHODS, DEVICE AND SYSTEMS FOR ALLOWING MODIFICATION TO A SERVICE BASED ON QUALITY INFORMATION**
[54] **METHODES, DISPOSITIF ET SYSTEMES ASSURANT LA MODIFICATION D'UN SERVICE BASEE SUR LES INFORMATIONS DE QUALITE**
[72] TYSOWSKI, PIOTR KONRAD, CA
[73] BLACKBERRY LIMITED, CA
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[54] **NOTIFICATION DE REMISE DE MESSAGE DIFFERENTIEE**
[72] KIM, YOUNG AE, CA
[72] ALLEN, ANDREW, US
[72] BAKKER, JAN HENDRIK LUCAS (JOHN-LUC), US
[73] BLACKBERRY LIMITED, CA
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[54] **FORMULES DESINFECTANTES CONVENANT A DES UTILISATIONS A BASSE TEMPERATURE**
[72] ARZU, ANTONIO, IT
[72] BERTHEAS, UTE HELMINE, CH
[72] FOLEY, PAUL, US
[72] HUGHES, STEPHANIE LYNN, US
[72] KEENE, PHILIP ALEXANDER, CH
[72] LENOIR, PIERRE MARIE, CH
[73] DOW ITALIA DIVISIONE COMMERCIALE S.R.L., IT
[73] DOW GLOBAL TECHNOLOGIES INC., US
[86] (2721290)
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[54] **ALUMINUM ALLOY AND MANUFACTURING METHOD THEREOF**
[54] **ALLIAGE D'ALUMINIUM ET PROCEDE DE FABRICATION CONNEXE**
[72] KIM, SHAE-KWANG, KR
[72] LEE, JIN-KYU, KR
[72] CHOI, MIN-HO, KR
[72] SEO, JEONG-HO, KR
[73] KOREA INSTITUTE OF INDUSTRIAL TECHNOLOGY, KR
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[87] (2721752)
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[54] **APPARATUS AND METHOD TO PREVENT MAN IN THE MIDDLE ATTACK**
[54] **APPAREIL ET PROCEDE EMPECHANT UNE ATTAQUE DE TYPE "L'HOMME AU MILIEU"**
[72] MCCANN, DANIEL, CA
[72] SHARIFIMEHR, NIMA, CA
[73] NETSECURE INNOVATIONS INC., CA
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[72] WERLE, MICHAEL J., US

[73] FLODESIGN WIND TURBINE CORP., US

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[54] **DISPOSITIF DE FABRICATION ET DE REMPLISSAGE DE CONTENANTS**

[72] HANSEN, BERND, DE

[73] HANSEN, BERND, DE

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[54] **COMPOSITION DE RINCE-BOUCHE BIPHASE**

[72] LAMBERT, PIERRE, BE

[72] BLANVALET, CLAUDE, BE

[73] COLGATE-PALMOLIVE COMPANY, US

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[54] **METHOD AND APPARATUS FOR THERMAL SEALING A FILLED CHEWING GUM PRODUCT**

[54] **PROCEDE ET APPAREIL POUR THERMOSCELLER UN PRODUIT DE GOMME A MACHER CHARGE**

[72] FABRE, JUAN, ES

[72] ABAD, DENNIS, US

[72] BORDERA, LUIS, ES

[72] GILL, ANDREW, GB

[72] BLAZQUEZ, MELCHOR, ES

[72] CARCASONA, EMILIO, ES

[73] WM. WRIGLEY JR. COMPANY, US

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[54] **METHOD AND DEVICE FOR MOTION VECTOR ESTIMATION IN VIDEO TRANSCODING USING UNION OF SEARCH AREAS**

[54] **PROCEDE ET DISPOSITIF D'ESTIMATION DES VECTEURS DE DEPLACEMENT LORS DU TRANSCODAGE DE SEQUENCES VIDEO PAR LA FUSION DE PLAGES DE RECHERCHE**

[72] SHI, XUN, CA

[72] YU, XIANG, CA

[72] HE, DAKE, CA

[73] BLACKBERRY LIMITED, CA

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[54] **THERMAL GRADIENT FLUID HEADER FOR MULTIPLE HEATING AND COOLING SYSTEMS**

[54] **COLLECTEUR DE FLUIDE A GRADIENT THERMIQUE POUR UNE PLURALITE DE SYSTEME DE CHAUFFAGE ET DE REFROIDISSEMENT**

[72] WESTON, JEFFREY A., US

[73] WESTON, JEFFREY A., US

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[54] **THE APPLICATION OF POTASSIUM 2-(1-HYDROXYPENTYL)-BENZOATE (D1-PHPB) FOR THE PREVENTION AND TREATMENT OF ALZHEIMER'S DISEASE**

[54] **UTILISATION DE 2-(1-HYDROXYPENTYL)BENZOATE DE POTASSIUM DANS LA FABRICATION DE MEDICAMENTS DESTINES A LA PREVENTION/AU TRAITEMENT DE LA DEMENCE SENILE**

[72] WANG, XIAOLIANG, CN

[72] ZHAO, WANHONG, CN

[72] YANG, JINGHUA, CN

[72] WANG, LING, CN

[72] LI, JIANG, CN

[72] XU, SHAOFENG, CN

[72] FENG, NAN, CN

[72] MA, SHIPING, CN

[73] INSTITUTE OF MATARIA MEDICA, CHINESE ACADEMY OF MEDICAL SCIENCES, CN

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[54] **VERTICAL CABLE SUPPORT STRUCTURES AND METHODS**
[54] **STRUCTURES DE SUPPORT VERTICAL DE CABLES ET PROCEDES CONNEXES**
[72] COX, MARTIN, CA
[73] COX METALWORKS INC., CA
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[54] **POWER CONVERSION APPARATUS**
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[72] SATO, EDUARDO KAZUHIRO, JP
[72] KINOSHITA, MASAHIRO, JP
[72] YAMAMOTO, YUSHIN, JP
[72] AMBOH, TATSUAKI, JP
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[54] **BIO-BASED AMORPHOUS POLYESTER RESINS FOR EMULSION AGGREGATION TONERS**
[54] **RESINES DE POLYESTER A BASE DE COMPOSES BIOLOGIQUES POUR TONERS DE TYPE EMULSION/AGGREGATION**
[72] FARRUGIA, VALERIE M., CA
[72] SACRIPANTE, GUERINO G., CA
[72] ZHOU, KE, CA
[72] ZWARTZ, EDWARD G., CA
[72] HAWKINS, MICHAEL S., CA
[73] XEROX CORPORATION, US
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[54] **METHODS AND APPARATUS RELATING TO EXPANSION TOOLS FOR TUBULAR STRINGS**
[54] **PROCEDE ET APPAREIL RELATIFS AUX OUTILS D'EXPANSION DES COLONNES DE TUBAGE**
[72] DELANGE, RICHARD W., US
[72] OSBURN, SCOTT H., US
[72] GANDIKOTA, VARADARAJU, US
[72] HASHEM, GHAZI J., US
[73] WEATHERFORD/LAMB, INC., US
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[87] (2734023)
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[11] 2,734,350
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[54] **APPARATUS AND METHODS FOR RUNNING LINERS IN EXTENDED REACH WELLS**
[54] **APPAREILLAGE ET PROCEDES PERMETTANT DE POSER DES COLONNES PERDUES DANS DES Puits DE FORAGE ALLONGES**
[72] RING, LEV, US
[73] WEATHERFORD/LAMB, INC., US
[86] (2734350)
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[25] EN
[54] **METHOD FOR PREPARING LONG-CHAIN HYDROXYACIDS, DIACIDS AND OLIGOMERS AND POLYMERS THEREOF**
[54] **PROCEDE DE PREPARATION D'HYDROXYACIDES, DE DIACIDES ET D'OLIGOMERES A LONGUE CHAINE, ET DE POLYMERES DE CEUX-CI**
[72] GROSS, RICHARD A., US
[72] LU, WENHUA, US
[72] YANG, YIXIN, US
[73] POLYTECHNIC INSTITUTE OF NEW YORK UNIVERSITY, US
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[54] **PROCEDE DE CREATION D'UN MODELE VOCAL**
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[72] PELLOM, BRYAN, US
[72] HACIOGLU, KADRI, US
[73] ROSETTA STONE, LTD., US
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[54] **A METHOD FOR LOAD CONTROL USING TEMPORAL MEASUREMENTS OF ENERGY FOR INDIVIDUAL PIECES OF EQUIPMENT**
[54] **PROCEDE DE GESTION DE LA CONSOMMATION A L'AIDE DE MESURES TEMPORELLES D'ENERGIE POUR DES ELEMENTS D'EQUIPEMENT INDIVIDUELS**
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[72] KOBESZKA, EDWARD, US
[72] VIRKUS, MARK, US
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[54] **PROCEDES ET APPAREILS DE DEPLOIEMENT MARIN**
[72] SAMPSON, RAY, CA
[72] BOSSERT, DAVID E., US
[72] ZERBE, JEFFREY N., US
[73] RAYTHEON COMPANY, US
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[54] **METHOD AND SYSTEM FOR HANDLING QOS FLOWS WHEN MOVING BETWEEN SYSTEMS**
[54] **PROCEDE ET SYSTEME DE TRAITEMENT DES FLUX DE QUALITE DE SERVICE LORS DU PASSAGE A UN AUTRE SYSTEME**
[72] GOMEZ VELEZ, JOSE ANTONIO, CA
[72] ZHAO, YING JIE, CA
[72] GEORGE, ABHEY, CA
[72] MA, DAVID, CA
[72] MIRZAEI-REZAEI, SHIVA, CA
[73] BLACKBERRY LIMITED, CA
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[54] **COMPOSITE ORGANIC COMPOUND POWDER FOR MEDICAL USE AND PRODUCTION METHOD AND SUSPENSION OF THE SAME**
[54] **POUDRE COMPOSITE DE COMPOSES ORGANIQUES A USAGE MEDICAL, PROCEDE DE PRODUCTION DE LADITE POUDRE ET UTILISATION DE CELLE-CI**
[72] HIROKAWA, TAKASHI, JP
[72] TADA, TAKAHIRO, JP
[72] NIHIRA, JUN, JP
[73] ACTIVUS PHARMA CO., LTD., JP
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[54] **UZM-35 ALUMINOSILICATE ZEOLITE, METHOD OF PREPARATION AND PROCESSES USING UZM-35**
[54] **ZEOLITHES D'ALUMINOSILICATE UZM-35, PROCEDE DE PREPARATION ET PROCEDES EMPLOYANT UZM-35**
[72] MOSCOSO, JAIME G., US
[72] JAN, DENG-YANG, US
[73] UOP LLC, US
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[54] **SERVICES SPECIALISES A COMMANDER PAR CATEGORIE EN COMPOSANT UN NUMERO CORRESPONDANT, ET GESTION CONNEXE**
[72] ERB, PAUL ANDREW, CA
[73] MITEL NETWORKS CORPORATION, CA
[86] (2739010)
[87] (2739010)
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[30] US (12/800,408) 2010-05-14

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[54] **METHODS AND APPARATUS FOR USE IN COMMUNICATING DATA PACKETS WITHIN A DATA PACKET WINDOW HAVING A SIZE THAT IS SET BASED ON QUALITY OF SERVICE (QOS) PARAMETERS**
[54] **PROCEDES ET APPAREILS CONCUS POUR SERVIR A LA TRANSMISSION DE PAQUETS DE DONNEES A L'INTERIEUR D'UNE FENETRE DE PAQUETS DE DONNEES D'UNE TAILLE DEFINIE EN FONCTION DES PARAMETRES DE QUALITE DU SERVICE**
[72] MARTIN, DARYL JOSEPH, CA
[73] BLACKBERRY LIMITED, CA
[86] (2739943)
[87] (2739943)
[22] 2011-05-11
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[54] **ABSORBENT ARTICLES HAVING DISTINCT GRAPHICS AND APPARATUS AND METHOD FOR PRINTING SUCH ABSORBENT ARTICLES**
[54] **ARTICLES ABSORBANTS DOTES DE MOTIFS GRAPHIQUES DISTINCTS, APPAREIL ET PROCEDE POUR L'IMPRESSION DE TELS ARTICLES ABSORBANTS**
[72] WARNER, ALRICK VINCENT, US
[73] THE PROCTER & GAMBLE COMPANY, US
[85] 2011-04-08
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[54] **SYSTEM AND METHOD FOR RAPIDLY HEATING AND COOLING A MOLD**
[54] **SYSTEME ET PROCEDE POUR CHAUFFER ET REFROIDIR RAPIDEMENT UN MOULE**
[72] WANG, ZHONG, CN
[72] HILL, CHARLES R., US
[73] FLEXTRONICS AP LLC, US
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[54] **DISPOSITIF DE MAINTIEN DENTAIRE A LIAISON AMELIOREE**
[72] GRIFFITHS, PAUL WILLIAM, CA
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[54] **ADAPTATION DE DEBIT ET ENTRELACEMENT DE CANAUX POUR UN SYSTEME DE COMMUNICATIONS**
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[73] ERICSSON AB, SE
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[54] **FEEDING SYSTEM AND PROCESS FOR BEHAVIORAL MODIFICATION OF ANIMALS**
[54] **PROCESSUS ET SYSTEME D'ALIMENTATION POUR MODIFICATION DU COMPORTEMENT DES ANIMAUX**
[72] STADLER, JAMES P., US
[72] TOLL, PHILIP W., US
[73] HILL'S PET NUTRITION, INC., US
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[54] **PARTICULATE BRIDGING AGENTS USED FOR FORMING AND BREAKING FILTERCAKES ON WELLBORES**

[54] **AGENTS DE PONTAGE PARTICULAIRES UTILISES POUR FORMER ET CASSER DES GATEAUX DE FILTRATION SUR DES Puits DE FORAGE**

[72] HORTON, ROBERT L., US

[72] PRASEK, BETHICIA B., US

[73] M-I L.L.C., US

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[54] **SYSTEME DE TRAMWAY A CABLE ET SA METHODE D'EXPLOITATION**

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[54] **SYSTEME DE CONTRE-VIBRATION DE LECTEUR DE DISQUE DUR**

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[72] LOCKWOOD, CHRISTOPHER, GB

[73] ELDON TECHNOLOGY LIMITED TRADING AS ECHOSTAR EUROPE, GB

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[54] **METHODS AND APPARATUSES FOR MIXING DRILLING FLUIDS**

[54] **PROCEDES ET DISPOSITIFS POUR MELANGER DES FLUIDES DE FORAGE**

[72] KAPILA, MUKESH, GB

[72] NEWMAN, PAUL, CA

[72] NEWMAN, KATERINA, US

[72] LOMOND, PERRY, US

[73] M-I L.L.C., US

[73] M-I DRILLING FLUIDS CANADA, INC., CA

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[54] **COMPOSITIONS D'HYGIENE BUCCO-DENTAIRE CONTENANT DES RESEAUX DE GEL ET DE LA SILICE FONDUE**

[72] DECKNER, GEORGE ENDEL, US

[72] LEBLANC, MICHAEL JUDE, US

[72] DOLAN, LAWRENCE EDWARD, US

[72] BAIG, ARIF ALI, US

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[73] THE PROCTER & GAMBLE COMPANY, US

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[54] **ECRAN DE FOYER**

[72] FOWLER, BRIAN, US

[72] DUSKY, PAUL, US

[73] INNOVATIVE HEARTH PRODUCTS LLC, US

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[72] SCHULTZ, CHARLES PETER, US

[72] TALWALKAR, ROHIT ANIL, US

[72] DANGER, JENCO, US

[72] IYER, KANNAN NARAYANAN, US

[73] BLACKBERRY LIMITED, CA

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[72] ROBERTS, ROY, US
[72] SHULMAN, JAN EDWARD, US
[73] ROHM AND HAAS COMPANY, US
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[72] ZIMMERMAN, PATRICK J., US
[72] HALL, CHRISTOPHER, US
[72] BROUSSARD, JOHN, US
[73] WEATHERFORD/LAMB, INC., US
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[54] **SYNTHESE D'ECTEINASCIDINES NATURELLES ET COMPOSES ASSOCIES**
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[72] MARTINEZ, VALENTIN, ES
[72] RODRIGUEZ, ALBERTO, ES
[72] RODRIGUEZ, NATIVIDAD, ES
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[54] **CENTREUR DE TUBAGE NON ROTATIF**
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[72] MITCHELL, SARAH B., US
[72] MOORE, NORMAN BRUCE, US
[73] WWT NORTH AMERICA HOLDINGS, INC., US
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[54] **MULTI-MODAL LOAD CONTROL SYSTEM HAVING OCCUPANCY SENSING**
[54] **SYSTEME DE COMMANDE DE CHARGE MULTIMODAL DOTE D'UNE DETECTION D'OCCUPATION**
[72] BULL, JOHN H., US
[73] LUTRON ELECTRONICS COMPANY, INC., US
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[54] **SYSTEME D'APPLICATION CONTINUE A GRANDE VITESSE D'UN MATERIAU DE BANDE SUR UN MATERIAU DE SUBSTRAT DE TYPE FEUILLE MOBILE, A DES EMBLEMENTS DE DEPLACEMENT LATERAL**
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[54] **OUTLET FOR SHOWER OR FAUCET HEAD**

[54] **SORTIE D'EAU POUR POMME DE DOUCHE OU ROBINET**

[72] HUNTER, ALASTAIR J., GB

[72] WILKINSON, TIMOTHY J., GB

[73] PALL CORPORATION, US

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[54] **METHODS AND COMPOSITIONS FOR INHIBITING CELLULAR PROLIFERATION AND SURGICAL ADHESION**

[54] **PROCEDES ET COMPOSITIONS D'INHIBITION DE LA PROLIFERATION CELLULAIRE ET DE L'ADHESION CHIRURGICALE**

[72] BANSAL, REKHA, US

[73] NOVELMED THERAPEUTICS, INC., US

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[54] **METAL JOINT, DAMPING STRUCTURE, AND ARCHITECTURAL CONSTRUCTION**

[54] **RACCORD DE CONNEXION, STRUCTURE D'AMORTISSEMENT DE VIBRATION, ET STRUCTURE DE CONSTRUCTION**

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[72] KAWAI, YOSHIMICHI, JP

[73] NIPPON STEEL & SUMITOMO METAL CORPORATION, JP

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[54] **PROCEDE DE DIFFUSION MODULABLE DE CONTENUS EN CONTINU ET EN DIRECT POUR DES AUDIENCES MOBILES**

[72] MA, KEVIN J., US

[72] XU, JIANGUO, US

[72] NG, TUNG, US

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[72] LIN, ICHANG, US

[72] LI, MAN, US

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[54] **SOLE UNIT FOR FOOTWEAR AND FOOTWEAR PROVIDED THEREWITH**

[54] **UNITE DE SEMELLE POUR CHAUSSURES, ET CHAUSSURE PRESENTANT UNE TELLE UNITE DE SEMELLE**

[72] NABERNIK, STANE, DE

[73] W.L. GORE & ASSOCIATES GMBH, DE

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[54] **SYNCHRONOUS RECTIFIER BI-DIRECTIONAL CURRENT SENSOR**

[54] **CAPTEUR DE COURANT BIDIRECTIONNEL DE REDRESSEUR SYNCHRONE**

[72] MARTINELLI, ROBERT MATTHEW, US

[73] THE BOEING COMPANY, US

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[54] **FLUID TREATMENT SYSTEMS, COMPOSITIONS AND METHODS FOR METAL ION STABILIZATION IN AQUEOUS SOLUTIONS AND/OR ENHANCED FLUID PERFORMANCE**

[54] **SYSTEMES, COMPOSITIONS ET METHODES DE TRAITEMENT DES FLUIDES POUR LA STABILISATION DES IONS METALLIQUES DANS DES SOLUTIONS AQUEUSES ET/OU L'AMELIORATION DU RENDEMENT DES FLUIDES**

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[72] REY, SUSAN, US
[72] SEYMAN, MICHAEL JOHN, US
[72] BLAUCH, MATTHEW E., US
[73] KROFF CHEMICAL COMPANY, US
[73] NABORS COMPLETION & PRODUCTION SERVICES CO., US
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[54] **PROCEDE ET APPAREIL POUR UNE TRANSMISSION DE DONNEES MULTIMEDIA**

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[73] APPLE INC., US
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[54] **PROCEDE DE RECUPERATION D'HUILE A L'AIDE DE Puits HORIZONTAL ESPACE**

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[73] ARCHON TECHNOLOGIES LTD., CA
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[54] **CONE TYPE VENTURI INTEGRATED VALVE DEVICE**

[54] **DISPOSITIF DE SOUPE A VENTURI DE TYPE CONE INTEGRE**

[72] LAWRENCE, PHILIP ANDREW, US
[72] KIM, BONG-KU, KR
[72] SEOL, JIN-HO, KR
[72] KIM, YONG-HA, KR
[73] HITROL CO., LTD., KR
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[54] **ANALYSEURS DE PARTICULES CHARGEES ET PROCEDES DE SEPARATION DE PARTICULES CHARGEES**

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[72] GIANNAKOPOULOS, ANASTASSIOS, DE
[73] THERMO FISHER SCIENTIFIC (BREMEN) GMBH, DE
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[54] **ACIDE TRANS-4-[[[(5S)-5-[[[3,5-BIS (TRIFLUOROMETHYLE) PHENYLE] METHYLE] (2-METHYL-2H-TETRAZOL-5-YLE) AMINO]-2,3,4,5-TETRAHYDRO-7,9-DIMETHYL-1H-1-BENZAZEPIN-1-YLE] METHYLE]-CYCLOHEXANE CARBOXYLIQUE**

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[72] FRANK, SCOTT ALAN, US
[72] REMICK, DAVID MICHAEL, US
[72] PEDERSEN, STEVEN WAYNE, US
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[72] WEINSTEIN, BERNARD, CA
[72] BELASHKIN, KAROLIN, CA
[72] ARAUJO, ANITA, CA
[72] NIL VI, SURRENDER, CA
[73] CABER SURE FIT INC., CA
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[54] **COMMUNICATION SANS FIL BIDIRECTIONNELLE SIMULTANEE A L'AIDE D'UN SEUL EMETTEUR**
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[72] CHEN, WAI, US
[73] TELCORDIA TECHNOLOGIES, INC., US
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[54] **SYSTEMES ET PROCEDES POUR LA VERIFICATION D'AUTORISATION D'UN SERVICE QUI METTENT EN OEUVRE DES FILIGRANES**
[72] ANGUIANO, JASON, US
[73] ECHOSTAR TECHNOLOGIES, L.L.C., US
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[54] **METHOD AND APPARATUS FOR AREA-EFFICIENT GRAPHICAL USER INTERFACE**
[54] **PROCEDE ET APPAREIL CONCU POUR CREER UNE INTERFACE UTILISATEUR GRAPHIQUE COMPACTE**
[72] FUNABASHI, YOSHIMITSU, JP
[72] KUNIEDA, SHUNSUKE, JP
[73] SONY COMPUTER ENTERTAINMENT INC., JP
[86] (2765913)
[87] (2765913)
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[54] **COMPOSITIONS ET PROCEDES PERMETTANT LE SILENCAGE DE L'APOLIPOPROTEINE B**
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[72] JUDGE, ADAM, CA
[72] ROBBINS, MARJORIE, CA
[72] YAWORSKI, ED, CA
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[73] PROTIVA BIOTHERAPEUTICS, INC., CA
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[54] **ELECTRODE DE DIFFUSION DE GAZ ET CELLULE ELECTROCHIMIQUE DE TYPE ELECTROLYTIQUE HAUTEMENT MOLECULAIRE SEMI-CONDUCTRICE**
[72] ICHIKAWA, SATORU, JP
[72] YAMAMOTO, MASAHIRO, JP
[72] WAKI, NORIHISA, JP
[73] NISSAN MOTOR CO., LTD., JP
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[87] (2767154)
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[13] C

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[25] EN
[54] **METHOD AND DEVICE FOR COUNTERACTING WEAR AND TEAR AROUND A GUIDE VANE**
[54] **PROCEDE ET DISPOSITIF POUR CONTREBALANCER L'USURE ET LA DECHIRURE AUTOUR D'UNE AUBE DE GUIDAGE**
[72] DAHLHAUG, OLE GUNNAR, NO
[73] DYNAVEG AS, NO
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[54] **IMPLANT DE LENTILLE INTRAOCULAIRE ET CAPSULAIRE COMPORTANT UN MATERIAU SOUPLE ET CONSERVANT SA FORME**
[72] WOODS, RANDALL L., US
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[73] QUEST VISION TECHNOLOGY, INC., US
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[54] **BLOC DE JONCTION ET ENSEMBLE CARTE POUR CONNECTEUR ELECTRIQUE**
[72] MUIR, SHELDON EASTON, US
[72] PEPE, PAUL JOHN, US
[72] MARTIN, RALPH SYKES, US
[73] TYCO ELECTRONICS CORPORATION, US
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[54] **COMPOSES DE SPIROPIPERIDINE EN TANT QU'ANTAGONISTES DE RECEPTEUR ORL-1**
[72] BENTO COLLADO, ANA BELEN, ES
[72] DIAZ BUEZO, NURIA, ES
[72] JIMENEZ-AGUADO, ALMA MARIA, ES
[72] LAFUENTE BLANCO, CELIA, ES
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[72] ADAMS, TERRY N., US

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[72] DYLOV, DMITRY VLADIMIROVICH, US

[72] KIM, EVGENIA MIKHAILOVNA, US

[72] CHAN, KWOK PONG, US

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[72] OSTROVERKHOV, VICTOR PETROVICH, US

[72] MISNER, MATTHEW JEREMIAH, US

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[54] ENSEMBLE DE BARRE D'INSERTION POUR SUPPORT AVEC ADAPTATEUR

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[72] PRESCOTT, KEITH L., US

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[72] CORRIGAN, PATRICK JOSEPH, US
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[72] KORB, WILLIAM, US
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[54] **TUBE A DOUBLE PAROI, PROCEDE DE FABRICATION DE TUBE A DOUBLE PAROI ET GENERATEUR DE VAPEUR**
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[54] **SYSTEMES ELECTROCHIMIQUES ET PROCEDES POUR LES FAIRE FONCTIONNER**

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[73] RAMOT AT TEL-AVIV UNIVERSITY LTD, IL

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[54] **PROCEDE ET DISPOSITIF D'INSTALLATION DE TISSU INDUSTRIEL A COUTURE**

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[72] WINTER, DAVID C., US

[72] JOHNSON, MITCH, US

[73] LIFETIME PRODUCTS, INC., US

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[54] **ELEMENT DE SECURITE AYANT UN EFFET INTERFERENTIEL AUGMENTE ET UNE FONCTION SUPPLEMENTAIRE THERMOCHROMIQUE**

[72] BORNSCHLEGL, ALEXANDER, DE

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[72] LIM, CHANG KI, KR

[72] KIM, YOUNG HOON, KR

[72] KWON, SE CHANG, KR

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[72] HAMMONS, JOHN LEE, US

[72] VISSCHER, RONALD BOSMAN, US

[72] MURTHY, SHREEDHAR RAJPANTH, US

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[54] **SOURCE DE REVETEMENT ET PROCEDE DE PREPARATION DE LADITE SOURCE DE REVETEMENT**
[72] POLCIK, PETER, AT
[72] POLZER, CONRAD, DE
[72] PERL, MATTHIAS, AT
[72] SCHLICHTHERLE, STEFAN, AT
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[54] **APPAREIL ET PROCEDE DE COMMANDE POUR COMMANDER L'APPAREIL**
[72] SCHROTER, TERENCE ALLAN, CA
[72] D'SILVA, ALBEN, CA
[72] LLOYD, STEPHEN DANIEL, GB
[72] COX, TIM JOHN, GB
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[72] VOGT, SEBASTIAN, DE
[72] APITUS, MARIA KATHARINA, DE
[73] HERAEUS MEDICAL GMBH, DE
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[54] **PROCEDES DE MULTIPLICATION DE TISSU EMBRYOGENE VEGETAL DANS UN BIOREACTEUR**
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[73] WEYERHAEUSER NR COMPANY, US
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[54] **PROCEDES SERVANT A TRANSFORMER DES PLANTES POUR EXPRIMER LES DELTA-ENDOTOXINES DU BACILLE THURINGIENSIS**
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[72] TOUCHETTE, ALAIN M.J., CA
[72] LENNOX, TIMOTHY N., CA
[73] WESTPORT POWER INC., CA
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[72] KIM, SUNG-HUN, KR
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[54] **SYSTEME DE SOUDAGE COMPORTANT SYSTEME DE CHAUFFAGE A INDUCTION, SYSTEME DE CHAUFFAGE A INDUCTION ET PROCEDE DE CHAUFFAGE DE PIECE A SOUDER OU COUPER**
[72] HOLVERSON, TODD EARL, US
[72] JONES, JERALD EDWARD, US
[72] RHODES, VALERIE LISA, US
[72] MADDEN, STEPHEN KING, US
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[73] HONDA MOTOR CO., LTD., JP

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[54] PROCEDE POUR FORER A TRAVERS DES FORMATIONS CONTENANT DES HYDROCARBURES DE NUISANCE

[72] RETTISMA, DONALD G., US

[72] SEHSAH, OSSAMA RAMZI, US

[72] COUTURIER, YAWAN, US

[73] SCHLUMBERGER CANADA LIMITED, CA

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[54] CIMENT ACRYLIQUE EN PATE

[72] VOGT, SEBASTIAN, DE

[73] HERAEUS MEDICAL GMBH, DE

[86] (2801471)

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[54] COUCHE DE VOILE PRESENTANT DES FAISCEAUX CONTENANT DES FIBRES DE CARBONE

[72] RETTER, BIRGIT, DE

[72] DANZIER, MARTIN, DE

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[72] CHIANG, FRANK, US

[72] SCOTT, ROBERT, US

[72] HUANG, JINYU, US

[72] MEDINA, ARTURO N., US

[72] SMITH, DAWN A., US

[72] SANDERS, LAURA ANN, US

[72] PRUITT, JOHN DALLAS, US

[73] NOVARTIS AG, CH

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[72] CAPUTA, ELIF, US

[72] SLAVIN, VIKKI, US

[73] SUNBEAM PRODUCTS, INC., US

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[54] **FILAMENTS COMPRENANT UN AGENT ACTIF SANS PARFUM, VOILES NON TISSES, ET PROCEDES DE FABRICATION DE CES FILAMENTS**
[72] GLENN, ROBERT WAYNE, JR., US
[72] GORDON, GREGORY CHARLES, US
[72] SIVIK, MARK ROBERT, US
[72] RICHARDS, MARK RYAN, US
[72] HEINZMAN, STEPHEN WAYNE, US
[72] JAMES, MICHAEL DAVID, US
[72] REYNOLDS, GEOFFREY WILLIAM, US
[72] TROKHAN, PAUL DENNIS, US
[72] WEISMAN, PAUL THOMAS, US
[72] HAMAD-EBRAHIMPOUR, ALYSSANDREA HOPE, US
[72] DENOME, FRANK WILLIAM, US
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[54] **SIEGE DE ROTULE OU DE MULTIPLES ROTULES PERMETTANT UNE FRACTURATION HYDRAULIQUE AVEC UNE PRESSION DE POMPAGE REDUITE**
[72] HURTADO, JOSE, US
[72] WOLF, JOHN C., US
[73] SMITH INTERNATIONAL, INC., US
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[54] **INTERMEDIATE AND ASSEMBLY ASSISTANCE COMPONENTS FOR FLUID DRIVEN TOOLS AND TOOLS INCORPORATING THE SAME**
[54] **ELEMENTS D'AIDE INTERMEDIAIRES ET D'ASSEMBLAGE POUR OUTILS HYDRAULIQUES, ET OUTILS AINSI EQUIPES**
[72] YOUNG, JAMES R., US
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[72] YOUHOUSE, MICHAEL A., US
[72] ROACHE, BRIAN R., US
[73] INGERSOLL-RAND COMPANY, US
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[54] **INTAKE STRUCTURE FOR SADDLE-RIDE TYPE VEHICLE**
[54] **STRUCTURE DE SYSTEME D'ADMISSION D'AIR DESTINEE A UN VEHICULE DE TYPE A CONDUITE SUR SELLE**
[72] MATSUSHIMA, SATOSHI, JP
[72] INOUE, YUSUKE, JP
[72] TANI, YUSABURO, JP
[73] HONDA MOTOR CO., LTD., JP
[86] (2807024)
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[54] **SOCKS, AND SYSTEM AND METHOD FOR MANUFACTURING SOCKS**
[54] **CHAUSSETTES, ET SYSTEME ET PROCEDE DE FABRICATION DE CHAUSSETTES**
[72] COHEN, AVI, IL
[73] DELTA GALIL INDUSTRIES LTD., IL
[85] 2013-03-05
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[72] MAURE, MICHAEL JOSEPH, US
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 [72] SHPATER, PINHAS, IL
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 [25] EN
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 [54] UN DISPOSITIF DE SURVEILLANCE DE FERMETURE DE DRAIN QUI S'OUVRE ET SE FERME
 [72] MCLEOD, CHRISTOPHER ADAM, CA
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 [54] CELLULES ELECTROCHIMIQUES POLYMERES LI-S A L'ETAT SOLIDE ET LEURS PROCEDES DE FABRICATION
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 [72] KIM, CHISU, CA
 [72] GUERFI, ABDELBAST, CA
 [72] BARRAY, FRANCIS, CA
 [72] GAGNON, CATHERINE, CA
 [72] TROTIER, JULIE, CA
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 [54] METHOD FOR MANUFACTURING AN AUSTENITIC STAINLESS STEEL FROM A NICKEL LATERITE ORE AND A CHROMITE ORE
 [54] METHODE DE FABRICATION D'ACIER INOXYDABLE AUSTENITIQUE A PARTIR D'UN MINERAL DE LATERITE DE NICKEL ET D'UN MINERAL DE CHROMITE
 [72] HSU, WEN-CHIEN, TW
 [72] HUANG, PEI-TE, TW
 [72] WU, YI-CHENG, TW
 [72] YANG, CHENG-TUNG, TW
 [71] YIEH UNITED STEEL CORP., TW
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 [54] DOWNHOLE PRESSURE SENSOR
 [54] DETECTEUR DE PRESSION DE FOND DE TROU
 [72] CHALIFOUX, GERALD, CA
 [72] PENNY, SCOTT, CA
 [72] TAYLOR, ROB, CA
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 [54] METHOD AND APPARATUS FOR SCANNING AN OBJECT
 [54] METHODE ET APPAREIL DE BALAYAGE D'UN OBJET
 [72] GRIMARD, NICOLAS, CA
 [72] SICARD, RENE, CA
 [72] SERHAN, SAM H., CA
 [71] SYSTEMES TECSCAN INC., CA
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 [54] **MECANISME D'ÉCOULEMENT DE FLUIDE SOUS PRESSION POUR UN MARTEAU DE FOND DE TROU A CIRCULATION INVERSE ET MARTEAU ASSOCIE**
 [72] AROS, JAIME ANDRES, CL
 [71] DRILLCO TOOLS S.A., CL
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 [54] **PUMP JACK ASSEMBLY**
 [54] **MECANISME DE CHEVALET DE POMPAGE**
 [72] HAASTAD, EVERETT A., CA
 [72] HAASTAD, TYLER, CA
 [72] ABRAM, GORDON R., CA
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 [25] EN
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 [54] **SYSTEME ET METHODE D'ANALYSE DE DONNEES DE RESEAU SOCIAL**
 [72] KOUZAS, NICHOLAS, CA
 [72] BANSAL, NILESH, CA
 [72] CHENG, HAO-YU, CA
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 [54] **MODE IMMERSIF POUR UN NAVIGATEUR WEB**
 [72] KUSCHER, ALEXANDER FRIEDRICH, US
 [72] JITKOFF, JOHN NICHOLAS, US
 [72] GABRIEL, SEBASTIEN VINCENT, US
 [72] MURPHY, GLEN, US
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 [54] **FIXATION A PINCE POUR SUPPORT SUSPENDU A UN CADRE DE PLATEFORME EN ALUMINIUM**
 [72] RETINOUE, MILES A., US
 [71] RETINOUE, MILES A., US
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 [54] **STAFF ASSIGNMENT AND SHARING SYSTEM**
 [54] **SYSTEME D'AFFECTATION ET DE PARTAGE DE PERSONNEL**
 [72] SRIVATHSA, KARTHIK, US
 [72] YANG, BIN, US
 [72] BIXLER, CRAIG S., US
 [72] HOLDEN, JENNIFER A., US
 [71] RAULAND-BORG CORPORATION, US
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 [54] **SOUS-PLANCHER COMPORTANT UN PARE-VAPEUR AUTO-SCCELLANT**
 [72] COLLISON, CHAD A., US
 [71] MP GLOBAL PRODUCTS, L.L.C., US
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 [72] YU, LINGTAO, US
 [72] YANG, LIN-YING, US
 [71] BUILDING MATERIALS INVESTMENT CORPORATION, US
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 [54] **SYSTEME DE MAINTIEN POUR TUILES DE SURFACE SURELEVEE**
 [72] KUGLER, WILLIAM E., US
 [72] KNIGHT, STEPHEN J., III, US
 [72] VON-GUNTEN, LISA K., US
 [71] UNITED CONSTRUCTION PRODUCTS, INC., US
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 [54] **WIRE LOOPING TOOL**
 [54] **OUTIL D'ENROULEMENT DE FIL**
 [72] WEINBLUT, RONNIE, US
 [72] FAI, TUNG MOON, US
 [71] M&Y TRADING CORP., US
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 [54] **SYMMETRIC WING RIB WITH CENTER PLANE FASTENED SHEAR TIES**
 [54] **NERVURE D'AILE SYMETRIQUE AVEC LIENS DE CISAILEMENT FIXES AU PLAN CENTRAL**
 [72] VANDERHOEK, JOHN DAVID, US
 [71] THE BOEING COMPANY, US
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 [54] **DOUBLE SIDED DOUBLE TELESCOPING DRIVE COUPLING**
 [54] **RACCORDEMENT D'ENTRAINEMENT TELESCOPIQUE DOUBLE A DOUBLE FACE**
 [72] HARNETTIAUX, TRAVIS LESTER, US
 [71] CNH INDUSTRIAL AMERICA LLC, US
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 [54] **AIRCRAFT OXYGEN EMERGENCY APPARATUS WITH QUICK RELEASE BOX**
 [54] **DISPOSITIF D'APPROVISIONNEMENT D'URGENCE EN L'OXYGENE DANS UN AVION, DOTE D'UNE BOITE DE DECLENCHEMENT RAPIDE**
 [72] HOLLIM, MARCO, DE
 [72] WEINMANN, HASSO, DE
 [72] WESTPHAL, ANDREAS, DE
 [72] RITTNER, WOLFGANG, DE
 [72] MECKES, RUDIGER, DE
 [72] HOFFMANN, FREDERIK, DE
 [72] DUCOS, ROMAIN, DE
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 [54] **MECANISME DE PINCE POUR L'INSTALLATION D'UNE BALUSTRADE EN VERRE**
 [72] ZHOU, DANING, CN
 [71] QINGDAO JINFER INTERNATIONAL TRADING CO., LTD., CN
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 [25] EN
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 [54] **METHODE DE FABRICATION DE REMORQUE A PARTIR DE FEUILLES METALLIQUES**
 [72] BERMES, STEVEN P., US
 [71] NOVAE CORPORATION, US
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 [25] EN
 [54] **TRAILER INCLUDING FRAME CONSTRUCTED WITH STRUCTURAL MEMBERS HAVING INTEGRALLY FORMED SECTIONS**
 [54] **REMORQUE COMPRENANT UN CHASSIS FAIT D'ELEMENTS STRUCTURAUX AYANT DES SECTIONS FORMEES INTEGRALEMENT**
 [72] BERMES, STEVEN P., US
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[54] **TRAILER INCLUDING FRAME CONSTRUCTED WITH STRUCTURAL MEMBERS SECURED TOGETHER WITH INTEGRAL OVERLAPPING TABS**

[54] **REMORQUE COMPORTANT UN CHASSIS FAIT D'ELEMENTS STRUCTURAUX FIXES ENSEMBLE A L'AIDE DE PATTES CHEVAUCHANTES INTEGREES**

[72] BERMES, STEVEN P., US

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[54] **POCHET DE PIEU DE PLATEFORME DE CHARGEMENT ADAPTEE POUR Y FIXER UNE SANGLE A CROCHET EN J**

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[71] NOVAE CORPORATION, US

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[54] **OPTIMISATION DU TEMPS MORT DES ONDULEURS A RESONNANCE**

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[72] GILBERT, JAMES A., US

[71] COVIDIEN LP, US

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[54] **HOME COOKING APPLIANCE WITH AN ELECTRODE CHAMBER**

[54] **APPAREIL DE CUISSON DOMESTIQUE DOTE D'UNE CHAMBRE D'ELECTRODE**

[72] BLALOCK, EDWARD, US

[72] FREEMAN, JOHN, US

[72] RUTHERFORD, MICHAEL, US

[71] BSH HOME APPLIANCES CORPORATION, US

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[54] **COMPOSITION AND METHOD FOR TREATING OILFIELD WATER**

[54] **COMPOSITION ET METHODE DE TRAITEMENT DE L'EAU DE CHAMP PETROLIER**

[72] KUSHAL, SETH, US

[71] BAKER HUGHES INCORPORATED, US

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[54] **DEICER AND METHOD OF USE**

[54] **DEGIVREUR ET METHODE D'UTILISATION**

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[54] **REAL-TIME FEEDBACK CONTROL FOR PERFORMING TOOLING OPERATIONS IN ASSEMBLY PROCESSES**

[54] **CONTROLE DE RETROACTION EN TEMPS REEL POUR L'EXECUTION D'OPERATIONS D'OUTILLAGE DANS LES PROCEDES D'ASSEMBLAGE**

[72] TOH, CHIN H., US

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[54] **APPARATUSES AND METHODS FOR ACCURATE STRUCTURE MARKING AND MARKING-ASSISTED STRUCTURE LOCATING**

[54] **APPAREILS ET METHODES DE MARQUAGE DE STRUCTURE COURBEE ET REPERAGE DE STRUCTURE ASSISTE PAR LE MARQUAGE**

[72] SINGH, NAVRIT PAL, US
[71] THE BOEING COMPANY, US
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[54] **SYSTEM AND METHOD FOR CONDITIONING NOISY SIGNALS**

[54] **SYSTEME ET METHODE DE CONDITIONNEMENT DE SIGNAUX BRUYANTS**

[72] GEORGE, KIM, CA
[72] TANG, POI LOON, CA
[71] PRATT & WHITNEY CANADA CORP., CA
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[54] **STAGGERED BEVEL FOR CONTINUOUS COMPRESSION MOLDING TOOLING DIES**

[54] **BISEAU ECHELONNE POUR POINCONS D'OUTILLAGE DE MOULAGE EN COMPRESSION CONTINUE**

[72] PREBIL, CHARLES RICHARD, US
[72] WILKERSON, RANDALL DOW, US
[72] FROESCHNER, NEAL, US
[71] THE BOEING COMPANY, US
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[51] **Int.Cl. A41D 13/11 (2006.01) A62B 17/04 (2006.01)**

[25] EN

[54] **PROTECTIVE FACE SHEILD ASSEMBLY WITH REMOVABLE SHIELD OR VISOR**

[54] **PROTECTEUR FACIAL DOTE D'UNE PROTECTION OU D'UNE VISIERE AMOVIBLE**

[72] ANDERSON, KENT D., US
[72] NAYGEBOREN, DANIEL D., CA
[72] GAGNON, STEPHANE, CA
[71] UNITECH SERVICES GROUP, INC., US
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[54] **METHODES ET SYSTEMES DE FINANCEMENT DE COMPTE DE NEGOCIATION RAPIDE**

[72] STERN, HADLEY RUPERT, US
[72] TOOLE, ROBERT C., US
[72] MCDONOUGH, JOHN, US
[72] HROMI, JONATHAN, US
[72] BROOKS, SEITH WARREN, US
[71] FMR LLC, US
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[54] **METHOD AND ARRANGEMENT FOR PREPARING ANODES CAST FOR A PROCESS FOR ELECTROREFINING OF METALS FOR AN ELECTROREFINING STEP**

[54] **METHODE ET DISPOSITION POUR LA PREPARATION DE MOULE D'ANODES EN VUE D'UN TRAITEMENT D'ELECTROAFFINAGE DE METAUX POUR UNE ETAPE DE MICROAFFINAGE**

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[22] 2014-05-23
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[54] **METHOD OF AIR PREHEATING FOR COMBUSTION POWER PLANT AND SYSTEMS COMPRISING THE SAME**

[54] **METHODE DE PRECHAUFFAGE DE L'AIR POUR UNE CENTRALE A COMBUSTION ET SYSTEMES INTEGRANT LA METHODE**

[72] ZHANG, WEI, US
[71] ALSTOM TECHNOLOGY LTD, CH
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 [54] **DISPOSITIF DE POSITIONNEMENT POUR PARURE DE FENETRE**
 [72] CHEN, LIN, TW
 [71] NIEN MADE ENTERPRISE CO., LTD., TW
 [22] 2014-05-22
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[21] **2,852,317**
 [13] A1

[51] **Int.Cl. C09D 11/52 (2014.01)**
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 [54] **CONDUCTIVE METAL INKS WITH POLYVINYL BUTYRAL AND POLYVINYLPIRROLIDONE BINDER**
 [54] **ENCRES METALLIQUES CONDUCTRICES COMPORTANT UN LIEN POLYVINYL BUTYRAL ET POLYVINYLPIRROLIDONE**
 [72] CHOPRA, NAVEEN, CA
 [72] MAYO, JAMES D., CA
 [72] IFTIME, GABRIEL, CA
 [72] WU, YILIANG, CA
 [71] XEROX CORPORATION, US
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 [54] **ENCRES METALLIQUES CONDUCTRICES COMPORTANT UN LIANT POLYVINYLEBUTYRAL**
 [72] CHOPRA, NAVEEN, CA
 [72] IFTIME, GABRIEL, CA
 [72] MAYO, JAMES D., CA
 [72] GARDNER, SANDRA J., CA
 [72] VONG, CUONG, CA
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 [54] **SYSTEME DE MONTANT MODULAIRE**
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 [72] ENG, RAYMOND CHO, US
 [72] MUNK, CLAYTON LYNN, US
 [72] DAY, DAN DRESSKELL, US
 [72] DAVIS, GORDON DALE, US
 [71] THE BOEING COMPANY, US
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 [54] **ACTIONNEUR DE PETALE ANNULAIRE PIVOTANT POUR UNE BUSE A FENTE A SURFACE VARIABLE**
 [72] JASKLOWSKI, CHRISTOPHER T., US
 [71] THE BOEING COMPANY, US
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 [54] **METHOD OF OPERATING A RADIOGRAPHIC INSPECTION SYSTEM WITH A MODULAR CONVEYOR CHAIN**
 [54] **METHODE DE FONCTIONNEMENT D'UN DISPOSITIF D'INSPECTION RADIOGRAPHIQUE DOTE D'UNE CHAÎNE DE COURROIE TRANSPORT MODULAIRE**
 [72] WANG, XINCHI, GB
 [72] KING, NIGEL JOHN, GB
 [71] METTLER-TOLEDO SAFELINE X-RAY LTD., GB
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 [54] **METHODE DE FABRICATION D'UN ELEMENT DE REVETEMENT POUR UNE CABINE PASSAGER D'UN VEHICULE**
 [72] SZARSZEWSKI, MAIK, DE
 [72] HOFFMANN, MATTHIAS, DE
 [71] DIEHL AIRCABIN GMBH, DE
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 [54] **TARIERE EQUIPEE D'UN COUTEAU CONTINU**
 [72] TAMMINGA, JAKOB, CA
 [72] MILLS, GAVIN, CA
 [72] BESSEY, CHRISTOPHER, CA
 [71] JAY-LOR INTERNATIONAL INC., CA
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 [54] **INTEGRATION DE BOUCLE CHIMIQUE A UN MODULE DE PURIFICATION DE GAZ CARBONIQUE**
 [72] ANDRUS, HERBERT E., JR., US
 [72] JUKKOLA, GLEN D., US
 [72] THIBEAULT, PAUL R., US
 [72] LILJEDAHN, GREGORY N., US
 [71] ALSTOM TECHNOLOGY LTD, CH
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 [54] **UTILIZATION OF THE NOVEL, ENVIRONMENTAL ISOLATES PSEUDOMONAS SP. IPB-B26 AND N-128 FOR THE EFFICIENT HIGH YIELD PRODUCTION OF MCL/LCL-PHAS**
 [54] **UTILISATION D'ISOLATS PSEUDOMONAS SP. IPB-B26 ET N-128 ENVIRONNEMENTAUX NOVATEURS POUR LA PRODUCTION A RENDEMENT ELEVE DE MCL/LCL-PHAS**
 [72] GALIA, MONICA BASSAS, DE
 [72] RIVAS, SAGRARIO ARIAS, DE
 [72] MOLINARI, GABRIELLA, DE
 [72] TIMMIS, KENNETH NIGEL, DE
 [71] DRITE PATENTPORTFOLIO BETEILIGUNGSGESELLSCHAFT MBH & CO. KG, DE
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 [54] **UTILIZATION OF THE NOVEL, ENVIRONMENTAL ISOPSEUDOMONAS SP. IPB-A36 FOR THE EFFICIENT PRODUCTION OF MCL/LCL-PHAS AND SPECIALTY-PHAS**
 [54] **UTILISATION D'ISOPSEUDOMONAS SP. IPB-A36 ENVIRONNEMENTAUX NOVATEURS POUR LA PRODUCTION EFFICACE DE MCL/LCL-PHAS ET DE PHAS DE SPECIALITE**
 [72] GALIA, MONICA BASSAS, DE
 [72] RIVAS, SAGRARIO ARIAS, DE
 [72] MOLINARI, GABRIELLA, DE
 [72] TIMMIS, KENNETH NIGEL, DE
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[72] MUNJAL, LEENA, US

[71] SEARS BRANDS, LLC, US

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[54] SYSTEMES ET METHODES DE BALAYAGE, ESSAI ET ACHAT

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[72] STEWART, TARA, US

[72] MULTER, SCOTT, US

[72] MICHALSKI, CATHERINE, US

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[54] METHODE ET DISPOSITIF DE COMMANDE D'UN SYSTEME D'ALIMENTATION PORTATIF COMPORTANT UN SEUL BANC DE BATTERIES

[72] DI CRISTOFARO, VINCENZO E., CA

[71] ECO-II TECHNOLOGIES INC., CA

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[54] NETTOYANT POUR POULIE DE COURROIE DE TRANSPORT ALTERNATIVE SERVANT DANS LES EXPLOITATIONS DE SABLES BITUMINEUX

[72] BOWLEY, RYAN T., CA

[72] FLEURY, DON E., CA

[71] BOWLEY, RYAN T., CA

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[54] TAMBOUR DE COMPRESSEUR DE TURBOMACHINE AXIALE DOTE DE DOUBLE MECANISME DE FIXATION DE PALE

[72] PENALVER CASTRO, ENRIQUE, BE

[71] TECHSPACE AERO S.A., BE

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[54] METHODE DE PRODUCTION D'ESPACEURS ET DISPOSITIF CONNEXE

[72] VOGT, SEBASTIAN, DE

[71] HERAEUS MEDICAL, GMBH, DE

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[54] DISPOSITIF DE CHAMBRE A FLUIDE HYDRAULIQUE POUR UN MODULE DE REACTION D'UN DISPOSITIF REDOX

[72] JEHL, WALTER, DE

[72] KAUL, STEFAN, DE

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[54] SYSTEM AND METHOD FOR TREATING FLUID MIXTURES INCLUDING AQUEOUS AND ORGANIC PHASES

[54] SYSTEME ET METHODE DE TRAITEMENT DE MELANGES DE FLUIDES COMPORTANT DES PHASES AQUEUSES ET DES PHASES ORGANIQUES

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[71] PALL CORPORATION, US

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[72] MILLER, BRADLEY ROY, US
[72] WILL, GARY, US
[71] THE HILLMAN GROUP, INC., US
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[54] **DETECTION DE GROSSES GOUTTELETTES A PARTIR DES FLUCTUATIONS STATISTIQUES DANS LA RETRODIFFUSION LIDAR**
[72] RAY, MARK, US
[72] ANDERSON, KAARE JOSEF, US
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[54] **A HAIR CONTROLLER FOR MOUNTING ON A STRETCHING MACHINE FOR STRETCHING A PELT ON A PELT BOARD**
[54] **UN DISPOSITIF DE CONTROLE DE POIL A INSTALLER SUR UNE MACHINE D'ETIREMENT SERVANT A ETIRER UNE PELLETERIE SUR UNE PLANCHE A PELLETERIE**
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[72] WALL, JODY RYAN, US
[72] MEADE, WILLIAM CLYDE, US
[71] JOHNSON CONCRETE COMPANY, US
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[54] **LEAK PREVENTION SYSTEM AND METHOD FOR A RETENTION POND**
[54] **SYSTEME ET METHODE DE PREVENTION DE FUITE POUR UN BASSIN DE RETENTION**
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[71] SOLETANCHE FREYSSINET, FR
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 [54] **DISPOSITIF, SYSTEMES ET METHODES A FAIBLE ERREUR DE FRONT D'ONDE POUR LE TRAITEMENT DE L'OEIL**
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 [72] KITTELMANN, OLAF, DE
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 [71] AKER ENGINEERING & TECHNOLOGY AS, NO
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 [54] **METHOD FOR GROWING HERBS**
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 [71] SWEDEPONIC HOLDING AB, SE
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 [54] **MECANISME DE DETECTION A TRANSMISSIONS MULTIPLES SIMULTANEEES ET METHODE DE DETECTION**
 [72] DESODT, GUY, FR
 [72] PLANTE, JEAN-LUC, FR
 [72] GUYVARCH, JEAN-PAUL, FR
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 [25] EN
 [54] **BOOST TYPE DIRECT CURRENT OUTPUT CONTROL CIRCUIT DEVICE CONTROLLED BY SUBPOWER**
 [54] **DISPOSITIF DE CIRCUIT DE COMMANDE DE SORTIE A COURANT CONTINU DE TYPE SUPPRESSION COMMANDE PAR UNE ALIMENTATION SECONDAIRE**
 [72] YANG, TAI-HER, TW
 [71] YANG, TAI-HER, TW
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 [54] **SYSTEM AND METHOD FOR CONTROLLING A WIND TURBINE**
 [54] **SYSTEME ET METHODE DE COMMANDE D'UNE EOLIENNE**
 [72] GERBER, BRANDON SHANE, US
 [72] PERLEY, THOMAS FRANKLIN, US
 [72] RASTOGI, RAHUL, US
 [71] GENERAL ELECTRIC COMPANY, US
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 [54] **ACTIVE SYSTEMS AND METHODS FOR PRODUCING ULTRASONIC SOUND EMISSIONS FROM WIND TURBINES**
 [54] **SYSTEMES ET METHODES ACTIVES POUR LA PRODUCTION D'EMISSIONS D'ULTRASONS D'EOLIENNES**
 [72] CARUSO, CHRISTOPHER DANIEL, US
 [72] KINZIE, KEVIN WAYNE, US
 [72] LEE, DONGJAI, US
 [72] TOBIN, JAMES ROBERT, US
 [72] CURTIS, JUSTIN RICHARD, US
 [72] ZALAR, JONATHAN HENRY, US
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 [54] **METHODE DE REPARATION D'UNE LAME**
 [72] WARIKOO, RAMAN, CA
 [72] BALIKE, KRISHNA PRASAD, CA
 [71] PRATT & WHITNEY CANADA CORP., CA
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 [25] EN
 [54] **PACKING TRAY HAVING CELL POCKETS WITH EXPANDABLE SIDEWALLS AND FLOATING BASE, AND METHOD OF MANUFACTURE**
 [54] **PLATEAU D'EMBALLAGE COMPORTANT DES POCHETTES DOTEES DE PAROIS LATERALES EXTENSIBLES ET D'UNE BASE FLOTTANTE, ET METHODE DE FABRICATION**
 [72] RAMIREZ, RICHARD L., US
 [72] BERGERON, MARK A., US
 [71] TEKNI-PLEX, INC., US
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 [54] **POSITIONING TECHNIQUES IN MULTI-WELL ENVIRONMENTS**
 [54] **TECHNIQUES DE POSITIONNEMENT DANS LES ENVIRONNEMENTS MULTIPUITS**
 [72] MCELHINNEY, GRAHAM ARTHUR, GB
 [72] UTTECHT, GARY WILLIAM, GB
 [72] WRIGHT, ERIC, GB
 [72] WESTON, JOHN LIONEL, GB
 [71] GYRODATA, INCORPORATED, US
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[13] A1

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 [25] EN
 [54] **TROUSERS WITH INTEGRATED BOWL**
 [54] **PANTALONS DOTES D'UN BOL INTEGRE**
 [72] KEWIN, JAMES P. S., CA
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[13] A1

[51] **Int.Cl. B61D 45/00 (2006.01) B60P 7/06 (2006.01) B62D 25/20 (2006.01) B62D 63/00 (2006.01)**
 [25] EN
 [54] **RECYCLABLE RUBBER SECUREMENT MAT WITH SELF-PROVIDED INCLINE STOP**
 [54] **TAPIS DE SECURITE EN CAOUTCHOUC RECYCLABLE DOTE D'UNE BUTEE D'INCLINAISON INTEGREE**
 [72] DODGE, ARTHUR B., III, US
 [71] DODGE, ARTHUR B., III, US
 [22] 2014-06-20
 [41] 2014-12-21
 [30] US (61/838,136) 2013-06-21

[21] **2,854,753**
[13] A1

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 [25] EN
 [54] **KEYBOARD AND TOUCH SCREEN GESTURE SYSTEM**
 [54] **CLAVIER ET MECANISME DE GESTUELLE POUR ECRAN TACTILE**
 [72] BERGLUND, CARL FREDRIK ALEXANDER, SE
 [72] GARDENFORS, DAN ZACHARIAS, SE
 [72] WASBERGER, EMIL ALEXANDER, SE
 [71] BLACKBERRY LIMITED, CA
 [22] 2014-06-20
 [41] 2014-12-21
 [30] EP (13173308.1) 2013-06-21

[21] **2,854,757**
[13] A1

[51] **Int.Cl. A01C 15/06 (2006.01)**
 [25] EN
 [54] **SPREADER DEVICE**
 [54] **DISPOSITIF D'ETALEMENT**
 [72] TRUAN, CHARLES, US
 [72] TRUAN, BARRY, US
 [71] TRUAN, CHARLES, US
 [71] TRUAN, BARRY, US
 [22] 2014-06-20
 [41] 2014-12-21
 [30] US (61/837,690) 2013-06-21
 [30] US (61/840,056) 2013-06-27

[21] **2,854,759**
[13] A1

[51] **Int.Cl. H04W 76/02 (2009.01) H04W 84/18 (2009.01) G06F 3/0488 (2013.01)**
 [25] EN
 [54] **DEVICES AND METHODS FOR ESTABLISHING A COMMUNICATIVE COUPLING IN RESPONSE TO A GESTURE**
 [54] **DISPOSITIFS ET METHODES D'ETABLISSEMENT D'UN RACCORD COMMUNICATIF EN REACTION A UN GESTE**
 [72] GARDENFORS, DAN ZACHARIAS, SE
 [72] LEWIN, MATHIAS, SE
 [71] BLACKBERRY LIMITED, CA
 [22] 2014-06-20
 [41] 2014-12-21
 [30] EP (13173296.8) 2013-06-21

[21] **2,854,771**
[13] A1

[51] **Int.Cl. F21V 17/16 (2006.01) F21V 19/00 (2006.01)**
 [25] EN
 [54] **LIGHTING SYSTEM AND METHOD TO CONTROL A LIGHTING SYSTEM**
 [54] **DISPOSITIF ET METHODE D'ECLAIRAGE POUR LA COMMANDE D'UN SYSTEME D'ECLAIRAGE**
 [72] HAYMAN, JEFF, CA
 [72] MACGILLIVRAY, JEREMY, CA
 [72] BAILEY, KEVIN, CA
 [72] KIM, JOHN, CA
 [71] J2 LIGHT INC., CA
 [22] 2014-06-20
 [41] 2014-12-21
 [30] US (61/838,183) 2013-06-21

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[13] A1

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[25] EN
[54] STABILIZING SUPPORT FOR A DOWNSPOUT EXTENSION
[54] SUPPORT DE STABILISATION POUR UN PROLONGEMENT DE TUYAU DE DESCENTE
[72] LANGENDERFER, TERENCE, US
[71] LANGENDERFER, TERENCE, US
[22] 2014-06-20
[41] 2014-12-21
[30] US (61/837,937) 2013-06-21

[21] 2,854,791
[13] A1

[51] Int.Cl. G06F 3/0354 (2013.01) G06F 3/038 (2013.01) G06Q 20/40 (2012.01) G06F 21/31 (2013.01)
[25] EN
[54] SYSTEM AND METHOD OF AUTHENTICATION OF AN ELECTRONIC SIGNATURE
[54] SYSTEME ET METHODE D'AUTHENTIFICATION D'UNE SIGNATURE ELECTRONIQUE
[72] IDZIK, JACEK S., CA
[72] MERCEA, CORNEL, CA
[72] FERGUSSON, ANDREW ASHRAF, CA
[71] BLACKBERRY LIMITED, CA
[22] 2014-06-20
[41] 2014-12-21
[30] EP (13173304.0) 2013-06-21

[21] 2,854,792
[13] A1

[51] Int.Cl. B65D 47/36 (2006.01)
[25] EN
[54] CONTAINERS AND CONTAINER TOPS
[54] CONTENANTS ET COUVERCLES DE CONTENANT
[72] LERNER, HERSHEY, US
[71] AUTOMATED PACKAGING SYSTEMS, INC., US
[22] 2014-06-20
[41] 2014-12-26
[30] US (61/839,778) 2013-06-26
[30] US (14/306,493) 2014-06-17

[21] 2,854,807
[13] A1

[51] Int.Cl. H01M 2/14 (2006.01)
[25] EN
[54] MAT MADE OF COMBINATION OF COARSE GLASS FIBERS AND MICRO GLASS FIBERS USED AS A SEPARATOR IN A LEAD-ACID BATTERY
[54] TAPIS FAIT D'UNE COMBINAISON DE FIBRES DE VERRE GROSSIERES ET DE FIBRES DE VERRE TRES FINES SERVANT DE SEPARATEUR DANS UNE BATTERIE D'ACCUMULATEURS AU PLOMB
[72] NANDI, SOUVIK, US
[72] GUO, ZHIHUA, US
[72] ASRAR, JAWED, US
[72] DIETZ, ALBERT G., III, US
[71] JOHNS MANVILLE, US
[22] 2014-06-20
[41] 2014-12-24
[30] US (13/925,195) 2013-06-24

[21] 2,854,811
[13] A1

[51] Int.Cl. B64D 43/00 (2006.01) B64D 47/00 (2006.01) G06F 3/14 (2006.01)
[25] FR
[54] METHOD, SYSTEM AND COMPUTER PROGRAM FOR SUPPLYING DATA RELATIVE TO ONE ASPECT OF THE OPERATION OF AN AIRCRAFT ON A MAN/MACHINE INTERFACE
[54] PROCEDE, SYSTEME ET PROGRAMME D'ORDINATEUR POUR FOURNIR SUR UNE INTERFACE HOMME MACHINE LES DONNEES RELATIVES A UN ASPECT DU FONCTIONNEMENT D'UN AERONEF
[72] MAZOYER, PATRICK, FR
[72] LACOMBE, ANTOINE, FR
[72] COULMEAU, FRANCOIS, FR
[71] THALES, FR
[22] 2014-06-20
[41] 2014-12-21
[30] FR (1301454) 2013-06-21

[21] 2,854,813
[13] A1

[51] Int.Cl. A47J 27/04 (2006.01) A47J 36/18 (2006.01) A47J 36/20 (2006.01) A21B 1/36 (2006.01)
[25] EN
[54] STEAMER FOR FOODSTUFFS
[54] APPAREIL DE CUISSON A LA VAPEUR POUR ALIMENTS
[72] BLACKBURN, JOCELYN, CA
[71] BLACKBURN, JOCELYN, CA
[22] 2014-06-20
[41] 2014-12-27
[30] US (13/928,593) 2013-06-27

[21] 2,854,835
[13] A1

[51] Int.Cl. F26B 3/12 (2006.01) C02F 11/04 (2006.01) C12M 1/107 (2006.01)
[25] EN
[54] SPRAY DRYER EXHAUST TREATMENT AND ANAEROBIC DIGESTER
[54] APPAREIL DE TRAITEMENT D'EVACUATION DE SECHOIR-ATOMISEUR ET DIGESTEUR ANAEROBIE
[72] KUMAR, ASHWANI, CA
[72] PHAGOO, DEONARINE, CA
[72] JOSSE, JUAN CARLOS, US
[71] ANAERGIA INC., CA
[22] 2014-06-20
[41] 2014-12-27
[30] US (61/840,078) 2013-06-27

[21] 2,854,940
[13] A1

[51] Int.Cl. E04C 1/00 (2006.01) B28B 7/18 (2006.01) E02D 29/02 (2006.01) E04C 1/39 (2006.01)
[25] EN
[54] ADJUSTABLE LOCATOR RETAINING WALL BLOCK AND MOLD APPARATUS
[54] BLOC DE MUR SOUTÈNEMENT AJUSTABLE ET APPAREIL DE MOULAGE
[72] KARAU, WILLIAM H., US
[71] PAVESTONE, LLC, US
[22] 2014-06-23
[41] 2014-12-21
[30] US (61/838,205) 2013-06-21
[30] US (14/311,194) 2014-06-20

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[21] **2,854,963**
[13] A1

[51] **Int.Cl. G01N 3/12 (2006.01)**
[25] EN
[54] **METHOD AND ASSEMBLY FOR PIPE PRESSURE TESTING**
[54] **METHODE ET DISPOSITIF POUR TEST DE PRESSION DE TUYAU**
[72] BOWIE, ANGUS G., GB
[71] STATS (UK) LIMITED, GB
[22] 2014-06-23
[41] 2014-12-23
[30] GB (1311146.3) 2013-06-23

[21] **2,855,011**
[13] A1

[51] **Int.Cl. F24F 7/007 (2006.01) F24F 13/32 (2006.01)**
[25] EN
[54] **VENTILATING DEVICE**
[54] **APPAREIL DE VENTILATION**
[72] HE, YANBIAO, CN
[72] HOU, GUANCHENG, CN
[72] GAO, SHOUYONG, CN
[72] ZHONG, BODONG, CN
[72] YAN, FENGWEI, CN
[72] TSUBOSA, DAISUKE, JP
[71] PANASONIC ECOLOGY SYSTEMS GUANGDONG CO., LTD., CN
[71] PANASONIC CORPORATION, JP
[22] 2014-06-20
[41] 2014-12-27
[30] CN (201320384615.X) 2013-06-27

[21] **2,855,028**
[13] A1

[51] **Int.Cl. G01B 3/00 (2006.01) G01B 3/04 (2006.01) G01B 3/56 (2006.01) G01B 5/00 (2006.01)**
[25] EN
[54] **COMBINATION SQUARE WITH SWIVEL HEAD**
[54] **EQUERRE COMBINEE DOTE D'UNE TETE PIVOTANTE**
[72] HERSHKOVICH, ZVI, IL
[71] HERSHKOVICH, ZVI, IL
[22] 2014-06-24
[41] 2014-12-24
[30] US (61/838,379) 2013-06-24

[21] **2,855,035**
[13] A1

[51] **Int.Cl. G01K 7/10 (2006.01) F02C 7/12 (2006.01)**
[25] EN
[54] **THERMOCOUPLE**
[54] **THERMOCOUPLE**
[72] EWING, JAMES, GB
[72] LOVELESS, DANIEL, GB
[71] WESTON AEROSPACE LIMITED, GB
[22] 2014-06-23
[41] 2014-12-24
[30] GB (1311174.5) 2013-06-24

[21] **2,855,036**
[13] A1

[51] **Int.Cl. B25J 19/02 (2006.01) B25J 15/00 (2006.01)**
[25] EN
[54] **BOOM UTILIZED IN A GEOMETRIC END EFFECTOR SYSTEM**
[54] **MAT UTILISE COMME SYSTEME EFFECTEUR D'EXTREME GEOMETRIQUE**
[72] SMITH, JOHN, GB
[71] DELAWARE CAPITAL FORMATION, INC., US
[22] 2014-06-25
[41] 2014-12-27
[30] US (61/840,135) 2013-06-27
[30] US (14/299,297) 2014-06-09

[21] **2,855,038**
[13] A1

[51] **Int.Cl. G06Q 10/06 (2012.01) H04L 12/16 (2006.01)**
[25] EN
[54] **SOCIAL WORKFLOW ENGINE**
[54] **MOTEUR DE FLUX DE TRAVAIL DE COLLABORATION SOCIALE**
[72] YELISETTY, SRINIVAS, US
[72] KASS, ALEX, US
[72] GOLDSTEIN, BRETT, US
[72] LOGHMANI, MASOUD, US
[72] VIRDI, GURDEEP, IN
[71] YELISETTY, SRINIVAS, US
[71] KASS, ALEX, US
[71] GOLDSTEIN, BRETT, US
[71] LOGHMANI, MASOUD, US
[71] VIRDI, GURDEEP, IN
[22] 2014-06-25
[41] 2014-12-24
[30] US (61/838,420) 2013-06-24

[21] **2,855,043**
[13] A1

[51] **Int.Cl. H04L 9/32 (2006.01) G06F 21/30 (2013.01) H04L 12/12 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR SECURE REMOTE ACCESS TO A SERVICE ON A SERVER COMPUTER**
[54] **SYSTEME ET METHODE D'ETABLISSEMENT D'ACCES DISTANT A UN SERVICE SUR UN ORDINATEUR SERVEUR**
[72] KUANG, RANDY, CA
[72] XAVIER, STANISLUS KISITO, CA
[72] STEKLASA, ROBERT FRANK, CA
[72] WILSON, STEPHEN GEORGE, CA
[72] ZHU, HE, CA
[71] INBAY TECHNOLOGIES INC., CA
[22] 2014-06-25
[41] 2014-12-25
[30] US (61/839,218) 2013-06-25

[21] **2,855,048**
[13] A1

[51] **Int.Cl. G01V 9/00 (2006.01)**
[25] EN
[54] **GEOLOGICAL ANALYSIS TOOL**
[54] **OUTIL D'ANALYSE GEOLOGIQUE**
[72] SANDEN, GRANT I., CA
[72] STEDEL, TODD A., CA
[72] TAMBLYN, CURTIS G., CA
[72] KOSTOUSOV, MIKHAIL, CA
[72] SEGAL, YANNAI Z.R., CA
[71] ENERSOFT INC., CA
[22] 2014-06-25
[41] 2014-12-25
[30] US (61/839,162) 2013-06-25

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[21] 2,855,050
[13] A1

[51] Int.Cl. F28D 1/04 (2006.01) F28D 21/00 (2006.01)

[25] EN

[54] HEAT-DISSIPATING STRUCTURE HAVING SUSPENDED EXTERNAL TUBE AND INTERNALLY RECYCLING HEAT TRANSFER FLUID AND APPLICATION APPARATUS

[54] STRUCTURE DE DISSIPATION THERMIQUE COMPORTANT UN TUBE EXTERNE ET FLUIDE DE TRANSFERT THERMIQUE DE RECYCLAGE INTERNE, ET APPAREIL DE MISE EN ŒUVRE

[72] YANG, TAI-HER, TW
[71] YANG, TAI-HER, TW
[22] 2014-06-25
[41] 2014-12-26
[30] US (13/927,240) 2013-06-26
[30] US (13/937,366) 2013-07-09

[21] 2,855,052
[13] A1

[51] Int.Cl. F24J 3/08 (2006.01) F03G 4/00 (2006.01) F16L 9/19 (2006.01) F28D 1/04 (2006.01)

[25] EN

[54] HEAT-DISSIPATING STRUCTURE HAVING EMBEDDED SUPPORT TUBE TO FORM INTERNALLY RECYCLING HEAT TRANSFER FLUID AND APPLICATION APPARATUS

[54] STRUCTURE DE DISSIPATION THERMIQUE COMPORTANT UN TUBE DE SUPPORT INTEGRE POUR FORMER UN FLUIDE DE TRANSFERT THERMIQUE DE RECYCLAGE INTERNE ET APPAREIL DE MISE EN ŒUVRE

[72] YANG, TAI-HER, TW
[71] YANG, TAI-HER, TW
[22] 2014-06-25
[41] 2014-12-26
[30] US (13/927,220) 2013-06-26

[21] 2,855,096
[13] A1

[51] Int.Cl. F16L 9/127 (2006.01) B64D 47/00 (2006.01)

[25] EN

[54] SUCTION-BLOW-MOLDED AIRCRAFT DUCTING

[54] CONDUIT D'AERONEF MOULE PAR SOUFFLAGE A SUCCION

[72] WYSOCKI, GARY R., US
[72] BROWN, RICARDO O., US
[71] HAMILTON SUNDRAND CORPORATION, US
[22] 2014-06-20
[41] 2014-12-24
[30] US (61/838,586) 2013-06-24

[21] 2,855,097
[13] A1

[51] Int.Cl. F16B 17/00 (2006.01) F16B 9/02 (2006.01) F16B 12/38 (2006.01) F16B 12/42 (2006.01) F16B 13/10 (2006.01)

[25] EN

[54] A CONNECTION DEVICE FOR ASSEMBLING TOGETHER TWO MEMBERS

[54] UN DISPOSITIF DE RACCORDEMENT POUR ASSEMBLER DEUX ELEMENTS

[72] GAMAIN, CLAUDE, FR
[71] AGAM GROUP, LTD, US
[22] 2014-06-20
[41] 2014-12-21
[30] FR (12/55906) 2013-06-21

[21] 2,855,099
[13] A1

[51] Int.Cl. H04L 9/30 (2006.01) H04L 9/14 (2006.01)

[25] EN

[54] KEY AGREEMENT PROTOCOL

[54] PROTOCOLE D'ENTENTE PRINCIPALE

[72] VANSTONE, SCOTT A., CA
[72] ANTIPA, ADRIAN, CA
[71] INFOSEC GLOBAL INC., CA
[22] 2014-06-24
[41] 2014-12-27
[30] US (61/839,961) 2013-06-27

[21] 2,855,100
[13] A1

[51] Int.Cl. E01C 1/00 (2006.01) E02D 29/02 (2006.01)

[25] EN

[54] RETAINING WALL BLOCK SYSTEM WITH MODULATING HEIGHTS, WIDTHS, AND INCLUDED ANGLES

[54] SYSTEME DE BLOC MURAL DE SOUTÈNEMENT A HAUTEURS ET LARGEURS MODULAIRES ET ANGLES INCLUS

[72] KARAU, WILLIAM H., US
[71] PAVESTONE, LLC, US
[22] 2014-06-23
[41] 2014-12-21
[30] US (61/838,205) 2013-06-21
[30] US (14/311,180) 2014-06-20

[21] 2,855,101
[13] A1

[51] Int.Cl. H04L 9/30 (2006.01) G06F 21/62 (2013.01)

[25] EN

[54] SIGNATURE PROTOCOL

[54] PROTOCOLE DE SIGNATURE

[72] GALLANT, ROBERT, CA
[72] LITTLE, HERB, CA
[72] VANSTONE, SCOTT A., CA
[72] ANTIPA, ADRIAN, CA
[71] INFOSEC GLOBAL INC., CA
[22] 2014-06-25
[41] 2014-12-27
[30] US (61/839,955) 2013-06-27

[21] 2,855,102
[13] A1

[51] Int.Cl. B28B 13/02 (2006.01) B28B 19/00 (2006.01)

[25] EN

[54] METHOD AND APPARATUS FOR DRY CAST FACING CONCRETE DEPOSITION

[54] METHODE ET APPAREIL DE DEPOT DE BETON SUR FACE AVANT A MOULAGE A SEC

[72] KARAU, WILLIAM H., US
[71] PAVESTONE, LLC, US
[22] 2014-06-23
[41] 2014-12-21
[30] US (61/838,205) 2013-06-21
[30] US (14/311,189) 2014-06-20

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[21] 2,855,117
[13] A1

[51] **Int.Cl. A47L 11/20 (2006.01) A47L 11/162 (2006.01) A47L 11/40 (2006.01)**
 [25] EN
 [54] **VACUUM BUFFER ASSEMBLY**
 [54] **DISPOSITIF DE POLISSOIR AVEC ASPIRATEUR**
 [72] FIELDS, WILLIAM A., US
 [71] SURTEC, INC., US
 [22] 2014-06-25
 [41] 2014-12-26
 [30] US (13/927,997) 2013-06-26

[21] 2,855,131
[13] A1

[51] **Int.Cl. E01B 7/10 (2006.01)**
 [25] EN
 [54] **DOUBLE FROG FOR TRACK CROSSINGS**
 [54] **COEUR DE CROISEMENT DOUBLE POUR TRAVERSES FERROVIAIRES**
 [72] LANG, ALFRED, AT
 [71] VOESTALPINE WEICHENSYSTEME GMBH, AT
 [71] VOESTALPINE VAE GMBH, AT
 [22] 2014-06-25
 [41] 2014-12-27
 [30] AT (GM 215/2013) 2013-06-27

[21] 2,855,144
[13] A1

[51] **Int.Cl. B05C 17/01 (2006.01) B65D 25/38 (2006.01)**
 [25] EN
 [54] **SCREW-BASED DISPENSER HAVING LOCKING ELEVATOR AND ELEVATOR RETENTION MECHANISM**
 [54] **DISTRIBUTEUR A VIS COMPORTANT UN ELEVATEUR A VERROU ET UN MECANISME DE RETENUE D'ELEVATEUR**
 [72] WADE, GORDON, US
 [72] MCMURRAY, GREG, US
 [72] HUERTH, WAYNE A, US
 [71] TUF-TITE, INC., US
 [22] 2014-06-25
 [41] 2014-12-26
 [30] US (61/839,556) 2013-06-26
 [30] US (14/312,091) 2014-06-23

[21] 2,855,148
[13] A1

[51] **Int.Cl. F03G 5/06 (2006.01) A45F 3/04 (2006.01) H02K 7/06 (2006.01) H02K 7/18 (2006.01)**
 [25] EN
 [54] **BIOMECHANICAL ELECTRICAL POWER GENERATION APPARATUS**
 [54] **APPAREIL DE PRODUCTION D'ELECTRICITE BIOMECANIQUE**
 [72] SHEPERTYCKY, MICHAEL Y., CA
 [72] LI, QINGGUO, CA
 [72] LIU, YAN-FEI, CA
 [71] QUEEN'S UNIVERSITY AT KINGSTON, CA
 [22] 2014-06-19
 [41] 2014-12-21
 [30] US (61/837,800) 2013-06-21

[21] 2,855,160
[13] A1

[51] **Int.Cl. E04F 13/073 (2006.01) E04F 19/00 (2006.01)**
 [25] EN
 [54] **WALL SIDING CORNER COVER APPARATUS, SYSTEM, AND RELATED METHODS**
 [54] **SYSTEME ET METHODE DE REVETEMENT DE COIN D'UNE PAROI MURAL, ET METHODES ASSOCIEES**
 [72] YARMO, BRANDON, US
 [71] YARMO, BRANDON, US
 [22] 2014-06-26
 [41] 2014-12-27
 [30] US (61/839,935) 2013-06-27
 [30] US (14/265,440) 2014-04-30

[21] 2,855,165
[13] A1

[51] **Int.Cl. A61B 5/042 (2006.01) A61M 1/00 (2006.01) A61M 25/14 (2006.01)**
 [25] EN
 [54] **ELECTROCARDIOGRAM NOISE REDUCTION**
 [54] **REDUCTION DE BRUIT D'UN ELECTROCARDIOGRAMME**
 [72] ASHTON, JOHN HARDY, US
 [72] KAMIN, GEORGE, US
 [72] RAMOS, JOSE G., US
 [71] BIOSENSE WEBSTER (ISRAEL), LTD., IL
 [22] 2014-06-25
 [41] 2014-12-25
 [30] US (13/926,277) 2013-06-25

[21] 2,855,166
[13] A1

[51] **Int.Cl. A61B 5/042 (2006.01) A61M 1/00 (2006.01) A61M 25/14 (2006.01)**
 [25] EN
 [54] **ELECTROCARDIOGRAM NOISE REDUCTION**
 [54] **REDUCTION DE BRUIT D'UN ELECTROCARDIOGRAMME**
 [72] SABA, EITAN MOSHE, IL
 [72] BONYAK, YEVGENY, IL
 [72] LEVIN, MICHAEL, IL
 [72] URMAN, ROY, IL
 [72] LICHTENSTEIN, YOAV, IL
 [72] MIZRAHI, LIRON SHMUEL, IL
 [72] GLOTTMANN, EYAL YECHEZKEL, IL
 [71] BIOSENSE WEBSTER (ISRAEL), LTD., IL
 [22] 2014-06-25
 [41] 2014-12-25
 [30] US (13/926,299) 2013-06-25

[21] 2,855,181
[13] A1

[51] **Int.Cl. F25B 49/02 (2006.01) F24F 11/00 (2006.01)**
 [25] EN
 [54] **POWER GENERATION SYSTEM AND METHOD**
 [54] **SYSTEME ET METHODE DE PRODUCTION D'ELECTRICITE**
 [72] WILLIAMS, DONALD, US
 [71] MCOGEN, INC., US
 [22] 2014-06-25
 [41] 2014-12-25
 [30] US (61/838,932) 2013-06-25

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[21] **2,855,183**
 [13] A1

[51] **Int.Cl. H04H 60/25 (2009.01) H04N 21/4147 (2011.01) H04N 21/458 (2011.01) H04L 29/06 (2006.01)**

[25] EN

[54] **CONTENT SEGMENT DETECTION AND REPLACEMENT**

[54] **DETECTION ET REMPLACEMENT DE SEGMENT DE CONTENU**

[72] O'HARE, DAVID ANDREW, US

[72] MAO, WEIDONG, US

[72] NAFSHI, ELAD, US

[72] VICKERS, MARK ANDREW, US

[72] BROOME, GREGORY ALLEN, US

[72] KOTAY, SREE, US

[71] COMCAST CABLE COMMUNICATIONS, LLC, US

[22] 2014-06-25

[41] 2014-12-26

[30] US (13/927,804) 2013-06-26

[21] **2,855,237**
 [13] A1

[51] **Int.Cl. H01H 13/715 (2006.01) H01H 13/7065 (2006.01) H04W 88/02 (2009.01) G06F 3/02 (2006.01)**

[25] EN

[54] **DOME-SHAPED ASSEMBLY AND HANDHELD ELECTRONIC DEVICE INCLUDING DOME-SHAPED ASSEMBLY**

[54] **DISPOSITIF EN FORME DE DOME ET APPAREIL ELECTRONIQUE PORTATIF COMPORTANT LE DISPOSITIF EN FORME DE DOME**

[72] CHEN, CHAO, CA

[71] BLACKBERRY LIMITED, CA

[22] 2014-06-26

[41] 2014-12-27

[30] EP (13173957.5) 2013-06-27

[21] **2,855,261**
 [13] A1

[51] **Int.Cl. A61K 33/00 (2006.01) A61B 10/00 (2006.01) A61M 16/00 (2006.01) A61P 11/00 (2006.01)**

[25] EN

[54] **METHODS OF REDUCING THE RISK OF MORTALITY ASSOCIATED WITH A MEDICAL TREATMENT**

[54] **METHODS DE REDUCTION DU RISQUE DE MORTALITE ASSOCIE A UN TRAITEMENT MEDICAL**

[72] POTENZIANO, JIM, US

[72] STAUFFER, JOSEPH, US

[71] INO THERAPEUTICS LLC, US

[22] 2014-06-25

[41] 2014-12-25

[30] US (61/839,352) 2013-06-25

[21] **2,855,286**
 [13] A1

[51] **Int.Cl. H02G 3/02 (2006.01) E04B 1/38 (2006.01) F16B 1/00 (2006.01) H02G 3/08 (2006.01)**

[25] EN

[54] **ADJUSTABLE BRACKET ASSEMBLY**

[54] **ASSEMBLAGE DE SUPPORT AJUSTABLE**

[72] JAFFARI, ANDY A., US

[72] OSBORN, ROBERT H., US

[71] THOMAS & BETTS INTERNATIONAL, INC., US

[22] 2014-06-25

[41] 2014-12-27

[30] US (61/840,123) 2013-06-27

[30] US (14/309,564) 2014-06-19

[21] **2,855,296**
 [13] A1

[51] **Int.Cl. B23D 61/12 (2006.01)**

[25] EN

[54] **RECIP BLADE**

[54] **LAME ALTERNATIVE**

[72] GREEN, MATTHEW C., US

[71] IRWIN INDUSTRIAL TOOL COMPANY, US

[22] 2014-06-25

[41] 2014-12-27

[30] US (61/840,219) 2013-06-27

[21] **2,855,317**
 [13] A1

[51] **Int.Cl. G06Q 30/02 (2012.01)**

[25] EN

[54] **SYSTEMS AND METHODS FOR LOYALTY PROGRAMS**

[54] **SYSTEMES ET METHODES POUR LES PROGRAMMES DE FIDELISATION**

[72] TIETZEN, TERRANCE PATRICK, CA

[71] EDATANETWORKS INC., CA

[22] 2014-06-26

[41] 2014-12-26

[30] US (61/839,571) 2013-06-26

[30] US (61/963,424) 2013-11-20

[21] **2,858,057**
 [13] A1

[51] **Int.Cl. C01B 17/04 (2006.01) C10L 3/10 (2006.01)**

[25] EN

[54] **SIMPLIFIED HIGH EFFICIENCY SULPHUR RECOVERY**

[54] **RECUPERATION DE SOUFRE HAUTE EFFICACITE SIMPLIFIEE**

[72] PROUDFOOT, GAVIN CRAIG, CA

[71] SUNCOR ENERGY INC., CA

[22] 2014-07-30

[41] 2014-12-22

[21] **2,868,090**
 [13] A1

[51] **Int.Cl. B65D 25/54 (2006.01)**

[25] EN

[54] **PACKAGE WITH LOCKING WINDOW MEMBER**

[54] **EMBALLAGE DOTE D'ELEMENT DE FENETRE BLOQUANT**

[72] UNKNOWN, ZZ

[71] TARGET BRANDS, INC., US

[22] 2014-10-17

[41] 2014-12-24

[30] US (14/515,897) 2014-10-16

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December 21, 2014 to December 27, 2014**

[21] 2,868,599

[13] A1

[51] Int.Cl. E01H 5/02 (2006.01)

[25] EN

[54] A SNOW SHOVEL AND PUSHER
COMBINATION WITH 8
ADJUSTABLE SETTINGS

[54] UNE COMBINAISON DE PELLE A
NEIGE ET GRATTE A 8
REGLAGES

[72] IQBAL, MUHAMMAD MUZAFFAR,
CA

[71] IQBAL, MUHAMMAD MUZAFFAR,
CA

[22] 2014-10-21

[41] 2014-12-26

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[21] **2,856,752**
[13] A1
[51] **Int.Cl. B65D 5/18 (2006.01) B65D 81/34 (2006.01)**
[25] EN
[54] **FOLDABLE CONTAINER**
[54] **CONTENANT PLIABLE**
[72] MONTAGUT SALA, SALVADOR, ES
[72] CAMPA ANFRUNS, JORDI, ES
[71] DODE S.A., ES
[85] 2014-07-11
[86] 2013-06-21 (PCT/ES2013/070410)
[87] (2856752)

[21] **2,861,727**
[13] A1
[51] **Int.Cl. H04N 13/00 (2006.01) G02B 17/00 (2006.01) G02B 27/10 (2006.01) G02B 27/26 (2006.01) G02B 27/28 (2006.01)**
[25] EN
[54] **STEREOSCOPIC IMAGE APPARATUS**
[54] **DISPOSITIF D'IMAGE STEREOSCOPIQUE**
[72] LEE, CHUL WOO, KR
[72] CHO, SUNG HO, KR
[72] LIM, BYUNG GUL, KR
[71] MASTERIMAGE 3D ASIA, LLC., FR
[85] 2014-09-03
[86] 2014-03-26 (PCT/KR2014/002563)
[87] (2861727)
[30] KR (10-2013-0035805) 2013-04-02

[21] **2,861,841**
[13] A1
[51] **Int.Cl. E03D 11/00 (2006.01) A47K 11/00 (2006.01) E03D 1/24 (2006.01) E03D 5/00 (2006.01)**
[25] EN
[54] **A FLUSH TYPE TOILET BOWL AND DEVELOPED PORTABLE TOILET THEREOF**
[54] **CUVETTE DE TOILETTE DE TYPE A CHASSE D'EAU ET TOILETTE PORTATIVE DEVELOPEE A PARTIR DE CELLE-CI**
[72] DING, LIMIN, CN
[72] DING, JINNING, CN
[72] WANG, JINGHE, CN
[72] BAI, GUIFEN, CN
[71] QINGDAO CHUANGHUI INDUSTRY CO., LTD., CN
[85] 2014-06-20
[86] 2013-03-25 (PCT/CN2013/073153)
[87] (WO2014/146307)
[30] CN (2013100881777) 2013-03-19

[21] **2,863,680**
[13] A1
[51] **Int.Cl. H02K 15/02 (2006.01) H02K 1/22 (2006.01) H02K 5/12 (2006.01)**
[25] EN
[54] **HIGH-SPEED ELECTRIC MOTOR**
[54] **MOTEUR ELECTRIQUE A GRANDE VITESSE**
[72] LAMBOTTE, MANEA, FR
[72] DURANTAY, LIONEL, FR
[71] GE ENERGY POWER CONVERSION TECHNOLOGY LTD., GB
[85] 2014-07-31
[86] 2013-02-08 (PCT/EP2013/052608)
[87] (WO2013/117736)
[30] FR (1251281) 2012-02-10

[21] **2,864,198**
[13] A1
[51] **Int.Cl. H04W 16/14 (2009.01)**
[25] EN
[54] **SPECTRUM MANAGEMENT SYSTEM AND METHOD**
[54] **SYSTEME ET PROCEDE DE GESTION DE SPECTRE**
[72] SUN, CHEN, CN
[72] GUO, XIN, CN
[71] SONY CORPORATION, JP
[85] 2014-09-22
[86] 2014-04-09 (PCT/CN2014/074981)
[87] (2864198)
[30] CN (201310136345.5) 2013-04-18

[21] **2,870,231**
[13] A1
[51] **Int.Cl. B65D 55/02 (2006.01) B65B 1/04 (2006.01) B65D 25/38 (2006.01) B65D 41/32 (2006.01) B65D 47/34 (2006.01) B65D 47/36 (2006.01) B65D 53/00 (2006.01)**
[25] FR
[54] **DEVICE HAVING A MANUAL PUMP FOR PACKAGING AND DISPENSING FLUID PRODUCTS**
[54] **DISPOSITIF DE CONDITIONNEMENT ET DE DISTRIBUTION DE PRODUITS FLUIDES A POMPE MANUELLE**
[72] TABERLET, JEAN-PHILIPPE, FR
[72] PUVILAND, PATRICE, FR
[72] GUY, ALAIN, FR
[71] LABLABO, FR
[85] 2014-10-10
[86] 2013-04-23 (PCT/FR2013/050902)
[87] (WO2013/160608)
[30] FR (1253727) 2012-04-24

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[21] **2,870,989**
[13] A1
[51] **Int.Cl. H04N 19/46 (2014.01) H04N 19/172 (2014.01) H04N 19/44 (2014.01)**
[25] EN
[54] **IMAGE ENCODING METHOD, IMAGE DECODING METHOD, IMAGE ENCODING APPARATUS, IMAGE DECODING APPARATUS, AND IMAGE ENCODING AND DECODING APPARATUS**
[54] **PROCEDE DE CODAGE D'IMAGE, PROCEDE DE DECODAGE D'IMAGE, DISPOSITIF DE CODAGE D'IMAGE, DISPOSITIF DE DECODAGE D'IMAGE ET DISPOSITIF DE CODAGE/DECODAGE D'IMAGE**
[72] TOMA, TADAMASA, JP
[72] NISHII, TAKAHIRO, JP
[72] SHIBAHARA, YUJI, JP
[72] SUGIO, TOSHIYASU, JP
[72] TANIKAWA, KYOKO, JP
[72] MATSUNOBU, TORU, JP
[72] TERADA, KENGO, JP
[72] SASAI, HISAO, JP
[71] PANASONIC INTELLECTUAL PROPERTY CORPORATION OF AMERICA, US
[85] 2014-10-20
[86] 2013-04-11 (PCT/JP2013/002461)
[87] (WO2013/161203)
[30] US (61/636,913) 2012-04-23
[30] US (61/658,957) 2012-06-13

[21] **2,871,139**
[13] A1
[51] **Int.Cl. H04N 19/124 (2014.01) H04N 19/176 (2014.01) H04N 19/44 (2014.01) H04N 19/61 (2014.01)**
[25] EN
[54] **QUANTIZATION PARAMETER (QP) CODING IN VIDEO CODING**
[54] **CODAGE DE PARAMETRE DE QUANTIFICATION (QP) EN CODAGE VIDEO**
[72] SEREGIN, VADIM, US
[72] WANG, XIANGLIN, US
[71] QUALCOMM INCORPORATED, US
[85] 2014-10-21
[86] 2013-04-26 (PCT/US2013/038383)
[87] (WO2013/163526)
[30] US (61/639,015) 2012-04-26
[30] US (61/643,821) 2012-05-07
[30] US (61/656,953) 2012-06-07
[30] US (13/870,149) 2013-04-25

[21] **2,871,985**
[13] A1
[51] **Int.Cl. A61K 39/395 (2006.01) C07K 16/24 (2006.01)**
[25] EN
[54] **ANTI-IL-23P19 ANTIBODIES**
[54] **ANTICORPS ANTI-IL-23P19**
[72] NABOZNY, GERALD HENRY, US
[72] GALLER, ANNETTE BETTINA, DE
[72] GARIDEL, PATRICK, DE
[72] LOGING, WILLIAM TROY, US
[72] PADULA, STEVEN JOHN, US
[72] SCHULTZ-FADEMRECHT, TORSTEN, DE
[72] WANG, ELAINE EE-LING, US
[71] BOEHRINGER INGELHEIM INTERNATIONAL GMBH, DE
[85] 2014-10-28
[86] 2013-04-25 (PCT/US2013/038109)
[87] (WO2013/165791)
[30] US (61/642,032) 2012-05-03

[21] **2,872,034**
[13] A1
[51] **Int.Cl. C07D 321/00 (2006.01) A01N 43/24 (2006.01) A01N 43/40 (2006.01) A01N 47/06 (2006.01) A01N 47/18 (2006.01) A01P 3/00 (2006.01) C07D 405/12 (2006.01)**
[25] EN
[54] **MACROCYCLIC PICOLINAMIDES AS FUNGICIDES**
[54] **PICOLINAMIDES MACROCYCLIQUES EN TANT QUE FONGICIDES**
[72] MEYER, KEVIN G., US
[72] RENG, JAMES M., US
[72] NUGENT, BENJAMIN M., US
[72] LI, FANGZHENG, US
[72] OWEN, W. JOHN, US
[72] YAO, CHENGLIN, US
[72] WILMOT, JEREMY, US
[72] BRAVO-ALTAMIRANO, KARLA, US
[71] DOW AGROSCIENCES LLC, US
[85] 2014-10-29
[86] 2013-05-06 (PCT/US2013/039729)
[87] (WO2013/169660)
[30] US (61/643,653) 2012-05-07

[21] **2,872,976**
[13] A1
[51] **Int.Cl. C07C 69/587 (2006.01) A61K 31/232 (2006.01) A61K 47/48 (2006.01) A61P 25/28 (2006.01)**
[25] EN
[54] **COMPOSITIONS AND METHODS FOR THE TREATMENT OF NEUROLOGICAL DISORDERS**
[54] **COMPOSITIONS ET METHODES DE TRAITEMENT DE TROUBLES NEUROLOGIQUES**
[72] KANDULA, MAHESH, IN
[71] CELLIXBIO PRIVATE LIMITED, IN
[85] 2014-11-07
[86] 2013-01-30 (PCT/IB2013/050801)
[87] (WO2013/167989)
[30] IN (1789/CHE/2012) 2012-05-08

[21] **2,873,016**
[13] A1
[51] **Int.Cl. C07D 207/27 (2006.01) A61K 31/4025 (2006.01) A61K 31/4535 (2006.01) A61K 47/48 (2006.01) A61P 25/08 (2006.01) C07D 409/14 (2006.01)**
[25] EN
[54] **COMPOSITIONS AND METHODS FOR THE TREATMENT OF EPILEPSY**
[54] **COMPOSITIONS ET METHODES DE TRAITEMENT DE L'EPILEPSIE**
[72] KANDULA, MAHESH, IN
[71] CELLIXBIO PRIVATE LIMITED, IN
[85] 2014-11-07
[86] 2013-01-29 (PCT/IB2013/050740)
[87] (WO2013/167986)
[30] IN (1791/CHE/2012) 2012-05-08

[21] **2,873,087**
[13] A1
[51] **Int.Cl. C07D 211/46 (2006.01) A61K 31/445 (2006.01) A61K 47/48 (2006.01) A61P 3/00 (2006.01)**
[25] EN
[54] **COMPOSITIONS AND METHODS FOR THE TREATMENT OF HYPERGLYCEMIA**
[54] **COMPOSITIONS ET METHODES DE TRAITEMENT DE L'HYPERGLYCEMIE**
[72] KANDULA, MAHESH, IN
[71] CELLIXBIO PRIVATE LIMITED, IN
[85] 2014-11-07
[86] 2013-02-03 (PCT/IB2013/050903)
[87] (WO2013/167995)
[30] IN (1811/CHE/2012) 2012-05-08

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[21] **2,873,138**
[13] A1

[51] **Int.Cl. C07D 409/12 (2006.01) A61K 31/445 (2006.01) A61K 47/48 (2006.01) A61P 29/00 (2006.01) C07D 211/60 (2006.01)**

[25] EN

[54] **COMPOSITIONS AND METHODS FOR THE TREATMENT OF LOCAL PAIN**

[54] **COMPOSITIONS ET METHODES DE TRAITEMENT DE LA DOULEUR LOCALE**

[72] KANDULA, MAHESH, IN

[71] CELLIXBIO PRIVATE LIMITED, IN

[85] 2014-11-07

[86] 2013-02-16 (PCT/IB2013/051268)

[87] (WO2013/168006)

[30] IN (1843/CHE/2012) 2012-05-10

[21] **2,873,984**
[13] A1

[51] **Int.Cl. C07C 237/44 (2006.01) A61K 31/00 (2006.01) A61K 31/05 (2006.01) A61K 31/135 (2006.01) A61K 31/166 (2006.01) A61K 31/17 (2006.01) A61K 31/18 (2006.01) A61K 31/195 (2006.01) A61K 31/23 (2006.01) A61K 31/337 (2006.01) A61K 31/42 (2006.01) A61K 31/421 (2006.01) A61K 31/426 (2006.01) A61K 31/44 (2006.01) A61K 31/47 (2006.01) A61P 35/00 (2006.01) C07C 233/25 (2006.01) C07C 235/58 (2006.01) C07D 223/28 (2006.01) C07D 231/56 (2006.01) C07D 235/26 (2006.01) C07D 249/06 (2006.01)**

[25] EN

[54] **INHIBITORS OF THE ACTIVITY OF COMPLEX (III) OF THE MITOCHONDRIAL ELECTRON TRANSPORT CHAIN AND USE THEREOF**

[54] **INHIBITEURS DE L'ACTIVITE DU COMPLEXE (III) DE LA CHAINE DE TRANSPORT D'ELECTRONS MITOCHONDRIALE ET UTILISATION DE CEUX-CI**

[72] CLEMENT-SCHATLO, VIRGINIE, CH

[72] FESSARD, THOMAS, CH

[72] BARBARAS, DAMIEN, CH

[72] MATOS, JOANA, CH

[72] CARREIRA, ERICK, CH

[71] STEMERGIE BIOTECHNOLOGY SA, CH

[85] 2014-11-17

[86] 2013-05-23 (PCT/EP2013/060670)

[87] (WO2013/174947)

[30] CH (00715/12) 2012-05-23

[21] **2,874,163**
[13] A1

[51] **Int.Cl. A23L 1/164 (2006.01) A23L 1/00 (2006.01) A23L 1/10 (2006.01)**

[25] EN

[54] **PRODUCTION OF SHREDDED PRODUCTS WITH INCLUSIONS**

[54] **FABRICATION DE PRODUITS FILAMENTES COMPORTANT DES INCLUSIONS**

[72] KARWOWSKI, JAN, US

[72] BAUMANN, BARBARA E., US

[72] SIRIS, SUPAPONG, US

[72] VEMULAPALLI, VANI, US

[71] INTERCONTINENTAL GREAT BRANDS LLC, US

[85] 2014-11-19

[86] 2013-06-05 (PCT/US2013/044207)

[87] (WO2013/184739)

[30] US (61/655,874) 2012-06-05

[21] **2,874,692**
[13] A1

[51] **Int.Cl. B05B 1/18 (2006.01) B05B 1/26 (2006.01) B05B 1/30 (2006.01) E03C 1/08 (2006.01)**

[25] EN

[54] **SPRAY HEAD**

[54] **POMME DE DOUCHE**

[72] ALLEN, CHRISTIE, GB

[72] CLARKE, JAMES, GB

[71] MULTISHOWER GB LIMITED, GB

[85] 2014-11-25

[86] 2013-05-23 (PCT/EP2013/060674)

[87] (WO2014/009048)

[30] GB (1209199.7) 2012-05-25

[21] **2,874,761**
[13] A1

[51] **Int.Cl. A61K 47/02 (2006.01) A61K 39/44 (2006.01)**

[25] EN

[54] **COMPOSITIONS AND METHODS FOR NON-INVASIVE DETECTION AND TREATMENT OF HYPOXIC CELLS IN VIVO**

[54] **COMPOSITIONS ET PROCEDES POUR UNE DETECTION ET UN TRAITEMENT NON INVASIFS DE CELLULES HYPOXIQUES IN VIVO**

[72] KOONCE, NATHAN A., US

[72] GRIFFIN, ROBERT, US

[71] THE BOARD OF TRUSTEES OF THE UNIVERSITY OF ARKANSAS, US

[85] 2014-11-24

[86] 2013-06-14 (PCT/US2013/045867)

[87] (WO2013/188755)

[30] US (61/659,832) 2012-06-14

[21] **2,874,768**
[13] A1

[51] **Int.Cl. A42B 3/04 (2006.01) A42B 3/00 (2006.01) A42B 3/12 (2006.01)**

[25] EN

[54] **IMPACT DIVERTING MECHANISM**

[54] **MECANISME DE DEVIATION DE CHOC**

[72] GOLNARAGHI, FARID, CA

[72] WANG, GAOFENG GARY, CA

[72] EBRAHIMI, IMAN, CA

[72] JELVEH, COMBIZ, CA

[71] SIMON FRASER UNIVERSITY, CA

[85] 2014-11-25

[86] 2012-06-29 (PCT/CA2012/050449)

[87] (WO2013/000095)

[30] US (61/503,054) 2011-06-30

[21] **2,874,770**
[13] A1

[51] **Int.Cl. H02J 13/00 (2006.01) H02J 7/35 (2006.01) H02J 15/00 (2006.01) H05B 37/00 (2006.01)**

[25] EN

[54] **SYSTEM FOR THE MONITORING AND MAINTENANCE OF REMOTE AUTONOMOUSLY POWERED LIGHTING INSTALLATIONS**

[54] **SYSTEME POUR LA SURVEILLANCE ET LA MAINTENANCE D'INSTALLATIONS D'ECLAIRAGE A DISTANCE ALIMENTEES DE MANIERE AUTONOME**

[72] TUERK, JOHN, CA

[72] TUERK, MIRIAM, CA

[72] WINDRIM, MARK, CA

[72] YAFARAOUL, AHMAD, CA

[71] CLEAR BLUE TECHNOLOGIES INC., CA

[85] 2014-11-25

[86] 2013-06-04 (PCT/CA2013/000543)

[87] (WO2013/185205)

[30] CA (2,779,896) 2012-06-13

[30] US (13/507,318) 2012-06-21

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[21] **2,874,779**
[13] A1
[51] **Int.Cl. A61K 9/16 (2006.01) A61J 3/10 (2006.01) A61K 31/522 (2006.01) A61P 31/20 (2006.01)**
[25] EN
[54] **PHARMACEUTICAL COMPOSITION OF ENTECAVIR AND PROCESS OF MANUFACTURING**
[54] **COMPOSITION PHARMACEUTIQUE D'ENTECAVIR, ET PROCEDE DE FABRICATION**
[72] PHILIP, MATHEW, CA
[72] TALWAR, NARESH, CA
[71] PHARMASCIENCE INC., CA
[85] 2014-11-26
[86] 2013-05-28 (PCT/CA2013/000517)
[87] (WO2013/177672)
[30] CA (2,779,052) 2012-05-31

[21] **2,874,780**
[13] A1
[51] **Int.Cl. C07K 14/52 (2006.01) A01K 67/027 (2006.01) A61K 31/7088 (2006.01) A61K 39/395 (2006.01) A61P 29/00 (2006.01) C07K 14/47 (2006.01) C12N 5/10 (2006.01) C12N 15/19 (2006.01) C12N 15/85 (2006.01) C12Q 1/00 (2006.01) C12Q 1/68 (2006.01) C40B 30/06 (2006.01) G01N 33/15 (2006.01) G01N 33/68 (2006.01)**
[25] EN
[54] **INFLAMMATION-ENABLING POLYPEPTIDES AND USES THEREOF**
[54] **POLYPEPTIDES ACTIVANT UNE INFLAMMATION ET LEURS UTILISATIONS**
[72] GROS, PHILIPPE, CA
[71] THE ROYAL INSTITUTION FOR THE ADVANCEMENT OF LEARNING/MCGILL UNIVERSITY, CA
[85] 2014-11-26
[86] 2013-05-27 (PCT/CA2013/050403)
[87] (WO2013/177699)
[30] US (61/652,271) 2012-05-28

[21] **2,874,781**
[13] A1
[51] **Int.Cl. B65D 33/00 (2006.01)**
[25] EN
[54] **SIDE-GUSSETED BAG MADE OF FILM**
[54] **SACHET A SOUFFLETS EN FILM**
[72] HUCKRIEDE, KLAUS, DE
[72] SPENDLOW, GLENN ANDREW, DE
[71] BISCHOF + KLEIN GMBH & CO. KG, DE
[85] 2014-11-26
[86] 2012-12-14 (PCT/EP2012/005166)
[87] (WO2013/087216)
[30] DE (20 2011 109 209.0) 2011-12-16

[21] **2,874,783**
[13] A1
[51] **Int.Cl. B61L 23/00 (2006.01)**
[25] EN
[54] **NETWORKING OPERATION DISPATCH SYSTEM BASED ON ELECTRONIC ZONES FOR RAIL VEHICLE**
[54] **SYSTEME D'ORDONNANCEMENT DES OPERATIONS EN RESEAU POUR VEHICULES FERROVIAIRES BASE SUR DES INTERVALLES ELECTRONIQUES**
[72] BAI, WEI, CN
[72] BAI, JING, CN
[72] BAI, QING, CN
[72] BAI, XIANBING, CN
[72] FENG, BAOLONG, CN
[71] BAI, WEI, CN
[71] BAI, JING, CN
[71] BAI, QING, CN
[71] BAI, XIANBING, CN
[71] FENG, BAOLONG, CN
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[87] (WO2014/032218)
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[21] **2,874,784**
[13] A1
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[25] EN
[54] **IDENTIFICATION DEVICE FOR MATCHING AUDIO INTERFACE OF MOBILE TERMINAL AND ELECTRONIC SIGNATURE TOOL**
[54] **DISPOSITIF D'IDENTIFICATION POUR METTRE EN CORRESPONDANCE UNE INTERFACE AUDIO D'UN TERMINAL MOBILE ET UN OUTIL DE SIGNATURE ELECTRONIQUE**
[72] LI, DONGSHENG, CN
[71] TENDYRON CORPORATION, CN
[85] 2014-11-26
[86] 2013-06-09 (PCT/CN2013/077080)
[87] (WO2014/000570)
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[51] **Int.Cl. F16H 13/08 (2006.01) B25J 17/00 (2006.01) F16C 19/54 (2006.01) F16H 1/28 (2006.01)**
[25] EN
[54] **SPEED CHANGE DEVICE**
[54] **DISPOSITIF DE CHANGEMENT DE VITESSE**
[72] KLASSEN, JAMES B., CA
[71] GENESIS ADVANCED TECHNOLOGY INC., CA
[85] 2014-11-25
[86] 2013-05-24 (PCT/CA2013/050400)
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[54] **A SUPERCONTINUUM LIGHT SOURCE, A SYSTEM AND A METHOD OF MEASURING SOURCE DE LUMIERE SUPERCONTINUUM, ET SYSTEME ET PROCEDE DE MESURE**

[72] THOMSEN, CARSTEN L., DK
[72] ANDERSEN, THOMAS VESTERGAARD, DK
[72] FEUCHTER, THOMAS, DK
[71] NKT PHOTONICS A/S, DK
[85] 2014-11-26
[86] 2013-05-30 (PCT/DK2013/050167)
[87] (WO2013/178232)
[30] DK (PA 2012 00378) 2012-06-01
[30] US (61/659,222) 2012-06-13
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[21] **2,874,789**
[13] A1

[51] **Int.Cl. C10L 5/44 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR TORREFACTION OF BIOMASS WITH A CYCLONIC BED REACTOR**

[54] **PROCEDE ET APPAREIL DE TORREFACTION DE BIOMASSE AVEC UN REACTEUR A LIT CYCLONIQUE**

[72] PRUD'HOMME, GUY, CA
[71] AIREX ENERGIE INC., CA
[85] 2014-11-25
[86] 2013-05-27 (PCT/CA2013/050402)
[87] (WO2013/173929)
[30] US (61/651,862) 2012-05-25

[21] **2,874,793**
[13] A1

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[25] EN
[54] **IRON CATALYSTS WITH UNSYMMETRICAL PNN'P LIGANDS**

[54] **CATALYSEURS FERREUX AYANT DES LIGANDS PNN'P ASYMETRIQUES**

[72] ZUO, WEIWEI, CN
[72] MIKHAILINE, ALEXANDRE, CA
[72] MORRIS, ROBERT H., CA
[72] LAGADITIS, PARASKEVI OLYMPIA, CA
[71] THE GOVERNING COUNCIL OF THE UNIVERSITY OF TORONTO, CA
[85] 2014-11-25
[86] 2013-05-27 (PCT/CA2013/050405)
[87] (WO2013/173930)
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[13] A1

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[25] EN
[54] **HEART VALVE TESTING APPARATUS AND METHODS**

[54] **APPAREIL ET PROCEDES POUR TESTER DES VALVES CARDIAQUES**

[72] HODSON, TED, CA
[72] KARRI, SATYAPRAKASH, CA
[72] PHILLIPS, SCOTT HOWARD, CA
[71] VIVITRO LABS INC., CA
[85] 2014-11-25
[86] 2013-06-25 (PCT/CA2013/050496)
[87] (WO2014/000105)
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[13] A1

[51] **Int.Cl. C08L 75/08 (2006.01) C08G 18/48 (2006.01) C08G 18/66 (2006.01)**
[25] EN
[54] **LATEX SPONGE**

[54] **EPONGE EN LATEX**

[72] NI, ZHANGGEN, CN
[72] LIN, TAO, CN
[71] JIANGSU HEALTHCARE TECHNOLOGY CO., LTD, CN
[85] 2014-11-25
[86] 2013-07-12 (PCT/CN2013/079264)
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[21] **2,874,806**
[13] A1

[51] **Int.Cl. A61N 2/00 (2006.01) A61N 1/40 (2006.01)**
[25] EN
[54] **DEVICE FOR REPETITIVE NERVE STIMULATION IN ORDER TO BREAK DOWN FAT TISSUE BY MEANS OF INDUCTIVE MAGNETIC FIELDS**

[54] **INSTALLATION DE STIMULATION NERVEUSE REPETITIVE POUR REDUIRE DES TISSUS ADIPEUX AU MOYEN DE CHAMPS MAGNETIQUES INDUCTIFS**

[72] SOKOLOWSKI, TOBIAS, DE
[71] SOKOLOWSKI, TOBIAS, DE
[85] 2014-11-26
[86] 2013-07-02 (PCT/IB2013/001896)
[87] (WO2014/006504)
[30] DE (10 2012 013 534.3) 2012-07-05

[21] **2,874,810**
[13] A1

[51] **Int.Cl. B60R 22/10 (2006.01) B60R 22/02 (2006.01)**
[25] EN
[54] **APPARATUS FOR ADAPTING A SEATBELT FOR A CHILD**

[54] **APPAREIL POUR ADAPTER UNE CEINTURE DE SECURITE A UN ENFANT**

[72] SUMROY, JON, IL
[71] CARFOLDIO LTD, IL
[85] 2014-11-26
[86] 2013-05-28 (PCT/IL2013/050454)
[87] (WO2013/179283)
[30] US (61/652,338) 2012-05-29

[21] **2,874,811**
[13] A1

[51] **Int.Cl. B60B 39/02 (2006.01)**
[25] EN
[54] **ANTI-AQUAPLANING DEVICE FOR A VEHICLE**

[54] **DISPOSITIF ANTI-AQUAPLANING POUR VEHICULE**

[72] BLANDINA, GIOVANNI AMOS, IT
[71] EASY RAIN I.S.R.L., IT
[85] 2014-11-26
[86] 2013-05-03 (PCT/IB2013/053528)
[87] (WO2013/179159)
[30] IT (PN2012A000028) 2012-06-01

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[13] A1
[51] **Int.Cl. H04N 13/04 (2006.01)**
[25] EN
[54] **AUTOSTEREOSCOPIC DISPLAY DEVICE AND DRIVING METHOD**
[54] **DISPOSITIF D'AFFICHAGE AUTOSTEREOSCOPIQUE ET PROCEDE DE COMMANDE**
[72] KROON, BART, NL
[71] KONINKLIJKE PHILIPS N.V., NL
[85] 2014-11-26
[86] 2013-05-23 (PCT/IB2013/054263)
[87] (WO2013/179190)
[30] US (61/654,187) 2012-06-01

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[13] A1
[51] **Int.Cl. G07F 17/32 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR PLAY OF A NETWORK-BASED LOTTERY GAME**
[54] **SYSTEME ET PROCEDE PERMETTANT DE JOUER A UN JEU DE LOTERIE BASE SUR RESEAU**
[72] STANEK, EDWARD J., US
[71] SCIENTIFIC GAMES HOLDINGS LIMITED, IE
[85] 2014-11-26
[86] 2013-05-29 (PCT/IB2013/054449)
[87] (WO2013/179246)
[30] US (13/485,483) 2012-05-31

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[51] **Int.Cl. A61M 5/24 (2006.01) A61M 5/315 (2006.01) A61M 5/19 (2006.01) A61M 5/50 (2006.01)**
[25] EN
[54] **ORAL MEDICINE DISPENSING SYSTEM**
[54] **SYSTEME D'ADMINISTRATION DE MEDICAMENT PAR VOIE ORALE**
[72] OELZ, ALEXANDER MARKUS, ZA
[72] MARTIN, ROBERT JAMES, ZA
[71] OELZ, ALEXANDER MARKUS, ZA
[71] MARTIN, ROBERT JAMES, ZA
[85] 2014-11-26
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[51] **Int.Cl. C07D 498/22 (2006.01) A61K 9/00 (2006.01) A61K 31/437 (2006.01) A61K 47/18 (2006.01) A61P 31/00 (2006.01)**
[25] EN
[54] **PHARMACEUTICAL COMPOSITIONS COMPRISING RIFAXIMIN AND AMINO ACIDS, PREPARATION METHOD AND USE THEREOF**
[54] **COMPOSITIONS PHARMACEUTIQUES COMPRENANT DE LA RIFAXIMINE ET DES ACIDES AMINES, PROCEDE DE PREPARATION ET UTILISATION CORRESPONDANTS**
[72] VISCOMI, GIUSEPPE CLAUDIO, IT
[72] CHELAZZI, LAURA, IT
[72] GREPIONI, FABRIZIA, IT
[72] BRAGA, DARIO, IT
[72] KINDT, MADDALENA, IT
[71] ALFA WASSERMANN S.P.A., IT
[85] 2014-11-26
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[13] A1
[51] **Int.Cl. A61B 19/00 (2006.01)**
[25] EN
[54] **MEDICAL PRODUCT EMITTING NEAR-INFRARED FLUORESCENCE AND MEDICAL PRODUCT USAGE STATUS CHECKING APPARATUS**
[54] **PRODUIT MEDICAL QUI EMET UNE FLUORESCENCE INFRAROUGE PROCHE ET DISPOSITIF D'EVALUATION DE L'ETAT D'USURE D'UN PRODUIT MEDICAL**
[72] SATO, TAKAYUKI, JP
[71] NATIONAL UNIVERSITY CORPORATION KOCHI UNIVERSITY, JP
[71] DIC CORPORATION, JP
[85] 2014-11-26
[86] 2013-05-28 (PCT/JP2013/064764)
[87] (WO2013/180127)
[30] JP (2012-125710) 2012-06-01
[30] JP (2012-125712) 2012-06-01

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[51] **Int.Cl. H04W 28/16 (2009.01) H04W 52/24 (2009.01) H04W 72/04 (2009.01)**
[25] EN
[54] **RADIO COMMUNICATION METHOD, RADIO COMMUNICATION SYSTEM, RADIO BASE STATION AND USER TERMINAL**
[54] **PROCEDE DE COMMUNICATION SANS FIL, SYSTEME DE COMMUNICATION SANS FIL, STATION DE BASE SANS FIL ET TERMINAL UTILISATEUR**
[72] NAGATA, SATOSHI, JP
[72] KISHIYAMA, YOSHIIHISA, JP
[72] TAKEDA, KAZUAKI, JP
[71] NTT DOCOMO, INC., JP
[85] 2014-11-26
[86] 2013-05-30 (PCT/JP2013/065055)
[87] (WO2013/183541)
[30] JP (2012-127182) 2012-06-04

[21] **2,874,819**
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[51] **Int.Cl. C07D 487/04 (2006.01) A61K 31/5025 (2006.01) A61P 35/00 (2006.01) A61P 35/02 (2006.01) A61P 43/00 (2006.01)**
[25] EN
[54] **IMIDAZO[1,2-b]PYRIDAZINE DERIVATIVES AS KINASE INHIBITORS**
[54] **DERIVE D'IMIDAZO[1,2-b]PYRIDAZINE COMME INHIBITEUR DE KINASE**
[72] TAKEDA, YASUYUKI, JP
[72] YOSHIKAWA, KENJI, JP
[72] KAGOSHIMA, YOSHIKO, JP
[72] YAMAMOTO, YUKO, JP
[72] TANAKA, RYOICHI, JP
[72] TOMINAGA, YUICHI, JP
[72] KIGA, MASAKI, JP
[72] HAMADA, YOSHITO, JP
[71] DAIICHI SANKYO COMPANY, LIMITED, JP
[85] 2014-11-26
[86] 2013-06-03 (PCT/JP2013/065328)
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[54] **SOLID PREPARATION**

[54] **PREPARATION SOLIDE**

[72] HARADA, MAIKO, JP

[72] YAMANE, IKUROU, JP

[72] MISAKI, MASAFUMI, JP

[71] TAKEDA PHARMACEUTICAL COMPANY LIMITED, JP

[85] 2014-11-26

[86] 2013-06-04 (PCT/JP2013/065905)

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[13] A1

[51] **Int.Cl. C12N 15/11 (2006.01)**

[25] EN

[54] **SOYBEAN EVENT**

PDAB9582.816.15.1 DETECTION METHOD

[54] **PROCEDE DE DETECTION D'UN EVENEMENT DE SOJA**

PDAB9582.816.15.1

[72] CLARK, LAUREN, US

[72] SMITH, KELLEY ANN, US

[72] WANG, YANG, US

[72] ZHOU, NING, US

[71] DOW AGROSCIENCES LLC, US

[85] 2014-11-25

[86] 2013-06-25 (PCT/US2013/047566)

[87] (WO2014/004472)

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[13] A1

[51] **Int.Cl. B60G 17/08 (2006.01) B60G 17/0165 (2006.01) E21B 47/00 (2012.01) F16F 9/53 (2006.01)**

[25] EN

[54] **DATA-LOGGING TRUCK CONTROL SYSTEM**

[54] **SYSTEME DE COMMANDE DE CAMION ENREGISTRANT DES DONNEES**

[72] HILDEBRAND, STEPHEN F., US

[72] OWENS, JONATHAN M., US

[72] BARBULESCU, FLORIN STEFAN, US

[72] MATHEW, ABRAHAM, US

[72] MATTSO, MICHAEL, US

[71] HILDEBRAND, STEPHEN F., US

[71] LORD CORPORATION, US

[71] OWENS, JONATHAN M., US

[71] BARBULESCU, FLORIN STEFAN, US

[71] MATHEW, ABRAHAM, US

[71] MATTSO, MICHAEL, US

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[87] (WO2014/004515)

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[13] A1

[51] **Int.Cl. C02F 1/32 (2006.01)**

[25] EN

[54] **SANITIZER SYSTEM**

[54] **SYSTEME DE STERILISATION D'EAU**

[72] BARNES, RONALD L., US

[71] BARNES, RONALD L., US

[85] 2014-11-26

[86] 2013-05-30 (PCT/US2013/043485)

[87] (WO2013/181469)

[30] US (61/689,167) 2012-05-30

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[54] **APPARATUS AND METHOD FOR COATING BALLOON CATHETERS**

[54] **APPAREIL ET METHODE DE REVETEMENT DE CATHETERS A BALLONNET**

[72] CHAPPA, RALPH A., US

[72] BACH, ANDREW G., US

[72] MACGREGOR, MARK, US

[71] SURMODICS, INC., US

[85] 2014-11-26

[86] 2013-05-31 (PCT/US2013/043547)

[87] (WO2013/181498)

[30] US (61/654,403) 2012-06-01

[30] US (61/661,684) 2012-06-19

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[13] A1

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[25] EN

[54] **NETWORK SYSTEM, PATH CONTROL APPARATUS, PATH CONTROL METHOD, AND NON-TRANSITORY COMPUTER READABLE MEDIUM STORING PROGRAM**

[54] **SYSTEME DE RESEAU, DISPOSITIF DE CONTROLE DE ROUTAGE, PROCEDE DE CONTROLE DE ROUTAGE, ET SUPPORT NON PROVISoire LISIBLE PAR UN ORDINATEUR CONTENANT UN PROGRAMME**

[72] TAMURA, TOSHIYUKI, JP

[72] SCHIMID, STEFAN, DE

[71] NEC CORPORATION, JP

[85] 2014-11-26

[86] 2013-03-19 (PCT/JP2013/001862)

[87] (WO2013/179542)

[30] JP (2012-125230) 2012-05-31

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[13] A1
[51] **Int.Cl. C07C 45/41 (2006.01) C07C 1/20 (2006.01) C10M 169/02 (2006.01)**
[25] EN
[54] **PROCESS FOR PRODUCING KETONES FROM FATTY ACIDS**
[54] **PROCEDE POUR PRODUIRE DES CETONES A PARTIR D'ACIDES GRAS**
[72] HOMMELTOFT, SVEN IVAR, US
[72] LIANG, ANN JIA-BAO, US
[71] CHEVRON U.S.A. INC., US
[85] 2014-11-26
[86] 2013-05-31 (PCT/US2013/043570)
[87] (WO2013/181510)
[30] US (13/486,097) 2012-06-01

[21] **2,874,827**
[13] A1
[51] **Int.Cl. G06Q 50/30 (2012.01)**
[25] EN
[54] **RECOMMENDING ADDITIONAL USERS FOR AN EVENT USING A SOCIAL NETWORKING SYSTEM**
[54] **RECOMMANDATION D'UTILISATEURS SUPPLEMENTAIRES POUR UN EVENEMENT A L'AIDE D'UN SYSTEME DE RESEAU SOCIAL**
[72] NARAYANAN, SRINIVAS P., US
[72] SHAFFER, JUSTIN ALEXANDER, US
[72] HUI, DANIEL, US
[72] BAYER, ROSS DAVID, US
[71] FACEBOOK, INC., US
[85] 2014-11-25
[86] 2013-06-26 (PCT/US2013/047776)
[87] (WO2014/011390)
[30] US (13/544,197) 2012-07-09

[21] **2,874,828**
[13] A1
[51] **Int.Cl. A61K 38/12 (2006.01) A01N 47/34 (2006.01) C07D 245/00 (2006.01) C07K 5/00 (2006.01)**
[25] EN
[54] **MODULATION OF HEPATITIS B VIRUS CCCDNA TRANSCRIPTION**
[54] **MODULATION DE TRANSCRIPTION D'ADNCCC DU VIRUS DE L'HEPATITE B**
[72] CHANG, JINHONG, US
[72] BLOCK, TIMOTHY M., US
[72] KINNEY, WILLIAM A., US
[72] GUO, JU-TAO, US
[72] ALMOND, HAROLD R., US
[71] DREXEL UNIVERSITY, US
[71] BARUCH S. BLUMBERG INSTITUTE, US
[85] 2014-11-26
[86] 2013-05-31 (PCT/US2013/043691)
[87] (WO2013/181584)
[30] US (61/654,374) 2012-06-01

[21] **2,874,829**
[13] A1
[51] **Int.Cl. C12P 7/46 (2006.01)**
[25] EN
[54] **BETAINE ENHANCEMENT OF FERMENTATION TO MAKE C4 DIACIDS**
[54] **ENRICHISSEMENT EN BETAINE DE FERMENTATION POUR LA PRODUCTION DE DIACIDES EN C4**
[72] MORRISS, JILL, US
[71] ARCHER-DANIELS-MIDLAND COMPANY, US
[85] 2014-11-25
[86] 2013-06-27 (PCT/US2013/048032)
[87] (WO2014/004753)
[30] US (61/666,172) 2012-06-29

[21] **2,874,830**
[13] A1
[51] **Int.Cl. A62C 35/00 (2006.01) A62C 35/58 (2006.01) A62C 35/68 (2006.01) A62C 37/08 (2006.01)**
[25] EN
[54] **ELECTRICALLY OPERATED GAS VENTS FOR FIRE PROTECTION SPRINKLER SYSTEMS AND RELATED METHODS**
[54] **EVENTS DE GAZ ACTIONNES ELECTRIQUEMENT POUR DES SYSTEMES D'EXTINCTEURS A EAU DU TYPE SPRINKLEUR ET PROCEDES ASSOCIES**
[72] KOCHLEK, JEFFREY T., US
[72] HILTON, ADAM H., US
[72] KIRN, LUCAS E., US
[72] KOCHLEK, MATTHEW J., US
[71] ENGINEERED CORROSION SOLUTIONS, LLC, US
[85] 2014-11-26
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[87] (WO2013/181596)
[30] US (61/653,733) 2012-05-31

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[13] A1
[51] **Int.Cl. C12P 7/62 (2006.01) C12N 1/21 (2006.01) C12N 15/53 (2006.01) C12N 15/63 (2006.01) C12N 15/74 (2006.01)**
[25] EN
[54] **RECOMBINANT MICROORGANISMS AND USES THEREFOR**
[54] **MICRO-ORGANISMES RECOMBINANTS ET LEURS UTILISATIONS**
[72] CHEN, WENDY, NZ
[72] KOEPKE, MICHAEL, NZ
[71] LANZATECH NEW ZEALAND LIMITED, NZ
[85] 2014-11-26
[86] 2013-05-30 (PCT/NZ2013/000092)
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[30] US (61/653,348) 2012-05-30

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[13] A1

[51] **Int.Cl. B24C 1/10 (2006.01) B24C 3/02 (2006.01) C23C 30/00 (2006.01) F23R 3/00 (2006.01)**

[25] FR

[54] **METHOD FOR COMPACTING ANODIC PAINTS, INCLUDING THE COLLISION OF SANDBLASTING JETS**

[54] **PROCEDE DE COMPACTAGE DE PEINTURES ANODIQUES AVEC COLLISION DES JETS DE SABLAGE**

[72] BOULOGNE, JACQUES, FR

[72] POTEL, ALAIN, FR

[71] SNECMA, FR

[85] 2014-11-26

[86] 2013-05-29 (PCT/FR2013/051192)

[87] (WO2013/178941)

[30] FR (1254921) 2012-05-29

[21] **2,874,834**
[13] A1

[51] **Int.Cl. B65D 85/66 (2006.01) B65D 90/00 (2006.01)**

[25] EN

[54] **CONTAINER FOR TRANSPORT OF PRODUCTS, ESPECIALLY IN THE FORM OF COILS**

[54] **CONTENEUR DE TRANSPORT DE PRODUITS PRESENTANT EN PARTICULIER UNE FORME CYLINDRIQUE**

[72] WITCZAK, MARCIN, PL

[71] LAUDE SMART INTERMODAL SPOLKA AKCYJNA, PL

[85] 2014-11-26

[86] 2012-09-13 (PCT/PL2012/000093)

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[30] PL (P-399398) 2012-06-01

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[13] A1

[51] **Int.Cl. C12N 1/20 (2006.01) A01C 1/06 (2006.01) A01H 3/00 (2006.01) A01N 63/00 (2006.01) C12N 11/02 (2006.01) C12N 11/14 (2006.01)**

[25] EN

[54] **MICROBIAL FERMENTATION METHODS AND COMPOSITIONS**

[54] **PROCEDES ET COMPOSITIONS DE FERMENTATION MICROBIENNE**

[72] BOGOSIAN, GREGG, US

[71] NEWLEAF SYMBIOTICS, INC., US

[85] 2014-11-26

[86] 2013-05-31 (PCT/US2013/043722)

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[72] TANTER, MICKAEL, FR

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[54] **SYSTEME ET PROCEDE PERMETTANT DE TRANSFERER DES INFORMATIONS D'UN ENSEMBLE DE DONNEES VERS UN AUTRE**

[72] VINSON, MICHAEL, US

[72] GOERLICH, BRUCE, US

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[71] GWAVE LLC, US
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[85] 2014-11-26
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[72] GOLDSTEIN, BRAHIM, US
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TE01(NO) PSEUDO-ELLIPTIQUES
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[72] WANG, YANPING, US
[72] MARLING, STEVEN, US
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[54] **MODULE DE BANDE**
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[72] MITCHELL, ROBERT E., US
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[54] **FILTRE POUR UN SYSTEME DE VENTILATION DE CONFINEMENT DE REACTEUR NUCLEAIRE**
[72] NILSSON, PER-OLOF, SE
[71] WESTINGHOUSE ELECTRIC COMPANY LLC, US
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[72] CRUZ, JEFFREY, US
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[54] **COLLET POSITIONING MECHANISM FOR A ROTARY TOOL**
[54] **MECANISME DE POSITIONNEMENT DE PINCE POUR OUTIL ROTATIF**
[72] MEYERS, ANDREW, US
[71] ROBERT BOSCH GMBH, DE
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[54] **IMMUNOCONJUGUES COMPRENANT DES ANTICORPS ANTI-CD79B**
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[72] POLSON, ANDREW, US
[72] SPENCER, SUSAN DIANE, US
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[71] FISHER CONTROLS INTERNATIONAL LLC, US
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[51] **Int.Cl. F42D 1/24 (2006.01) E21B 43/116 (2006.01)**
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[71] SCHLUMBERGER CANADA LIMITED, CA
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[54] **COMBINAISONS PHARMACEUTIQUES D'UN INHIBITEUR DE CDK4/6 ET D'UN INHIBITEUR DE B-RAF**

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[72] STUART, DARRIN, US

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[54] **APPARATUS AND METHODS FOR ANCHORING ELECTRODE LEADS ADJACENT TO NERVOUS TISSUE**

[54] **APPAREIL ET PROCEDES D'ANCRAGE DE FILS D'ELECTRODE ADJACENTS A UN TISSU NERVEUX**

[72] SHIROFF, JASON ALAN, US

[72] DEMORETT, HENRY THOMAS, US

[72] RAWAT, PRASHANT BRIJMOHANSINGH, US

[72] HEEMELS, JOHANNES PETRUS, BE

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[72] CHANG, CHIEN-HSING, US

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[13] A1

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[54] **MECANISME DE LIBERATION POUR UN OUTIL ROTATIF**

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[54] **PROCEDES ET SYSTEMES D'UN RESEAU LARGE BANDE TOUT USAGE**

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[13] A1

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[54] **QUICK CHANGE COLLET CHUCK ASSEMBLY AND MANUFACTURING THEREOF**

[54] **ENSEMBLE MANDRIN A PINCE A CHANGEMENT RAPIDE ET FABRICATION DE CET ENSEMBLE**

[72] MEYERS, ANDREW, US

[72] ADOLF, WAYNE, US

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[25] EN
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[54] **ELECTROPHORESE CAPILLAIRE POUR ANALYSE DE FLUIDE DE RESERVOIR AU NIVEAU D'UN SITE DE Puits ET D'UN LABORATOIRE**
[72] MAHAVADI, SHARATH CHANDRA, CA
[72] SZABO, GEZA HORVATH, RU
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[54] **COMPOSITIONS AND METHOD FOR TREATING OUT HYDROGEN SULFIDE AND PREVENTING SETTLING OF PRECIPITATE IN AN ENVIRONMENTALLY RESPONSIBLE DRILLING AND PACKER FLUID**
[54] **COMPOSITIONS ET PROCEDE SERVANT AU TRAITEMENT DU SULFURE D'HYDROGENE ET EMPECHANT LE DEPOT DE PRECIPITE DANS UN FLUIDE DE FORAGE ET UN FLUIDE DE GARNITURE RESPECTUEUX DE L'ENVIRONNEMENT**
[72] HALL, JOHN ADRIAN, US
[72] TEKE, KUSHABHAU D., IN
[72] NIKAM, PRAMOD DADASAHEB, IN
[71] HALLIBURTON ENERGY SERVICES, INC., US
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[54] **SYSTEM AND METHOD FOR PRODUCING PARAMETRIC MAPS OF OPTOACOUSTIC DATA**
[54] **SYSTEME ET PROCEDE POUR PRODUIRE DES CARTES PARAMETRIQUES DE DONNEES OPTO-ACOUSTIQUES**
[72] ZALEV, JASON, CA
[72] CLINGMAN, BRYAN, US
[71] SENO MEDICAL INSTRUMENTS, INC., US
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[54] **METHODS AND COMPOSITIONS FOR IMPROVING A RESPONSE TO A METABOLIC STRESS**
[54] **PROCEDES ET COMPOSITIONS AMELIORANT LA REPONSE AU STRESS METABOLIQUE**
[72] HRANISAVLJEVIC, JOVAN, RS
[72] OSTOJIC, SERGEJ, RS
[71] HIT SOUTHERN PTY LTD, AU
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[54] **OPTOACOUSTIC IMAGING SYSTEM WITH FIBER OPTIC CABLE**
[54] **SYSTEME D'IMAGERIE OPTO-ACOUSTIQUE AVEC CABLE A FIBRES OPTIQUES**
[72] HERZOG, DONALD, US
[72] JOY, JAMES, US
[71] SENO MEDICAL INSTRUMENTS, INC., US
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[54] **PROCEDE POUR TRAITER UNE INFECTION PAR LES ESPECES SCEDOSPORIUM**
[72] PHILLIPS, JULIE, AU
[72] SORRELL, TANIA, AU
[72] CHEN, SHARON, AU
[71] BIODIEM LIMITED, AU
[85] 2014-11-27
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[54] **INTEGRATED CARBON CAPTURE AND GAS TO LIQUIDS SYSTEM**
[54] **SYSTEME INTEGRE DE TRANSFORMATION DE GAZ EN LIQUIDES ET DE CAPTURE DU CARBONE**
[72] IYER, RAJ, US
[72] PATEL, BIPIN, US
[71] LINC ENERGY LTD., AU
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[54] **METHOD OF PREPARING A CATALYTIC STRUCTURE**
[54] **PROCEDE PERMETTANT DE PREPARER UNE STRUCTURE CATALYTIQUE**
[72] KALLESOE, CHRISTIAN, DK
[72] FANO CLAUSEN, HENRIK, DK
[72] HOJSLET CHRISTENSEN, LEIF, DK
[72] LUND-OLESEN, TORSTEN, DK
[72] AREF HASEN MAMAKHEL, MOHAMMAD, DK
[72] BRUMMERSTEDT IVERSEN, BO, DK
[72] BECKER-CHRISTENSEN, JACOB, DK
[72] FRIIS AARUP, DAVID, DK
[72] HALES, JAN, DK
[71] TEKNOLOGISK INSTITUT, DK
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[54] **A MULTIFORMAT DIGITAL AUDIO INTERFACE**
[54] **INTERFACE AUDIO NUMERIQUE MULTIFORMAT**
[72] POULSEN, JENS KRISTIAN, CA
[71] BLACKBERRY LIMITED, CA
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[86] 2013-03-05 (PCT/CA2013/000198)
[87] (WO2013/177664)
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[54] **A PARTIAL DISCHARGE DETECTION APPARATUS AND METHOD**
[54] **APPAREIL ET PROCEDE DE DETECTION DE DECHARGE PARTIELLE**
[72] CANDELA, ROBERTO, IT
[72] DI STEFANO, ANTONIO, IT
[72] FISCELLI, GIUSEPPE, IT
[72] GIACONIA, GIUSEPPE COSTANTINO, IT
[71] PRYSMIAN S.P.A., IT
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[54] **HOLDING ARRANGEMENT FOR AN ENTRY AREA OF A RAIL VEHICLE AND METHOD FOR ASSEMBLING THE HOLDING ARRANGEMENT**
[54] **SYSTEME DE RETENUE POUR UNE ZONE D'ACCES D'UN VEHICULE SUR RAILS ET PROCEDE D'ASSEMBLAGE DU DISPOSITIF DE RETENUE**
[72] BIADATZ, ADRIAN, DE
[72] KIRCHHOFF, SASCHA, DE
[71] SIEMENS AKTIENGESELLSCHAFT, DE
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[54] PROCEDE ET COMPOSITION DESTINES A SOULAGER LES SYMPTOMES DE TUMEUR
[72] DAVIS, PETER DAVID, GB
[72] CHAPLIN, DAVID J., GB
[71] ANGIOGENE PHARMACEUTICALS LTD., GB
[71] OXIGENE, INC., US
[85] 2014-11-26
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[54] MOTEUR DE SYNCHRONISATION UNIVERSEL BASE SUR DES METHODES PROBABILISTES POUR GARANTIR LE VERROUILLAGE DE SYSTEMES AUDIO MULTIFORMAT
[72] POULSEN, JENS KRISTIAN, CA
[71] BLACKBERRY LIMITED, CA
[85] 2014-11-27
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[54] METHODS AND APPARATUS OF ANALYZING ELECTRICAL POWER GRID DATA
[54] PROCEDES ET APPAREIL D'ANALYSE DE DONNEES DE RESEAU ELECTRIQUE
[72] HAFEN, RYAN P., US
[72] CRITCHLOW, TERENCE J., US
[72] GIBSON, TARA D., US
[71] BATTELLE MEMORIAL INSTITUTE, US
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[54] NEW PROCESS AND DISSOLVING PULP MANUFACTURED BY THE PROCESS
[54] NOUVEAU PROCEDE ET PATE DISSOLVANTE FABRIQUEE PAR LE PROCEDE
[72] BOGREN, JOHANNES, SE
[72] PARKAS, JIM, SE
[72] SCHILD, GABRIELE, AT
[72] BORGARDS, ANDREA, AT
[71] SODRA CELL AB, SE
[71] LENZING AKTIENGESELLSCHAFT, AT
[85] 2014-11-27
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[54] INDEXAGE D'ELEMENTS DE COMMANDE DE CANAL AMELIORE D'ESPACE DE RECHERCHE DE CANAL PHYSIQUE DE COMMANDE DE LIAISON DESCENDANTE AMELIORE
[72] CHEN, XIAOGANG, CN
[72] ZHU, YUAN, CN
[72] FWU, JONG-KAE, US
[72] HAN, SEUNGHEE, US
[72] LI, QINGHUA, US
[71] INTEL CORPORATION, US
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[54] SYSTEME DE DERIVATION POUR LIGNES ELECTRIQUES AERIENNES
[72] MAURI LOPEZ, MANUEL, ES
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[54] **IMMUNOCONJUGUES COMPRENANT DES ANTICORPS ANTI-CD22**
[72] POLAKIS, PAUL, US
[72] POLSON, ANDREW, US
[72] SPENCER, SUSAN DIANE, US
[72] YU, SHANG-FAN, US
[72] ZHENG, BING, US
[71] GENENTECH, INC., US
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[54] **BIOMARKERS FOR DETERMINING EFFECTIVE RESPONSE OF TREATMENTS OF HEPATOCELLULAR CARCINOMA (HCC) PATIENTS**
[54] **BIOMARQUEURS POUR LA DETERMINATION DE LA REPONSE EFFICACE DE TRAITEMENTS DE PATIENTS ATTEINTS D'UN CARCINOME HEPATOCELLULAIRE (HCC)**
[72] KRISSEL, HEIKO, DE
[72] PUHLER, FLORIAN, DE
[72] JEFFERS, MICHAEL, US
[71] BAYER PHARMA AKTIENGESELLSCHAFT, DE
[85] 2014-11-27
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[54] **METHOD FOR CUTTING A SINGLE CRYSTAL**
[54] **PROCEDE DE DECOUPE D'UN MONOCRISTAL**
[72] FILIP, OCTAVIAN, DE
[72] EPELBAUM, BORIS, DE
[72] BICKERMANN, MATTHIAS, DE
[72] WINNACKER, ALBRECHT, DE
[72] HEIMANN, PAUL, DE
[72] SEITZ, ULRICH, DE
[71] CRYSTAL-N GMBH, DE
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[54] **TTC8 EN TANT QUE GENE DE PRONOSTIC POUR UNE ATROPHIE PROGRESSIVE DE LA RETINE CHEZ LES CHIENS**
[72] MELLERSH, CATHRYN SUZANNE, GB
[72] DOWNS, LOUISE MARY, GB
[71] ANIMAL HEALTH TRUST, GB
[85] 2014-11-27
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[25] EN
[54] **SYSTEM, METHOD AND DEVICE FOR PROVIDING A STABLE POWER SOURCE WITHOUT THE USE OF DIRECT CONNECTION TO AN AC OR DC SOURCE**
[54] **SYSTEME, PROCEDE ET DISPOSITIF SERVANT A FOURNIR UNE SOURCE D'ENERGIE STABLE SANS L'UTILISATION D'UNE CONNEXION DIRECTE A UNE SOURCE DE COURANT ALTERNATIF OU DE COURANT CONTINU**
[72] STEINER-JOVIC, MISCHA, CA
[72] SLAMKA, RICK, CA
[71] AWESENSE WIRELESS INC., CA
[85] 2014-11-27
[86] 2013-05-28 (PCT/CA2013/000514)
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[54] **IMPROVEMENTS IN AND RELATING TO DRAINAGE SYSTEMS**
[54] **AMELIORATIONS APPORTEES A DE SYSTEMES DE DRAINAGE OU S'Y RAPPORTANT**
[72] HUMBERSTONE, STEPHEN, GB
[72] YOUNG, DAVID, GB
[72] BAMFORTH, ALAN, GB
[71] A.B.G. LIMITED, GB
[85] 2014-11-27
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[54] **POLYESTEROLS FOR PRODUCING RIGID POLYURETHANE FOAMS**
[54] **POLYESTEROLS POUR LA FABRICATION DE MOUSSES RIGIDES DE POLYURETHANE**
[72] JACOBMEIER, OLAF, DE
[72] KAMPF, GUNNAR, DE
[71] BASF SE, DE
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[25] EN
[54] **NEW COMPOUNDS**
[54] **NOUVEAUX COMPOSES**
[72] ANGBAUD, PATRICK RENE, FR
[72] PILATTE, ISABELLE NOELLE CONSTANCE, FR
[72] QUEROIJE, OLIVIER ALEXIS GEORGES, FR
[71] ASTEX THERAPEUTICS LIMITED, GB
[85] 2014-11-27
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[54] **MASQUE LARYNGE MUNI D'UN TUBE SUPRAGLOTTIQUE**
[72] DUBACH, WERNER F., CH
[71] SINGULARITY AG, CH
[85] 2014-11-27
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[54] **TETE DE MASQUE LARYNGE**
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[71] SINGULARITY AG, CH
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[54] **COMPOSITION COMPRISING A BIOLOGICAL CONTROL AGENT AND A FUNGICIDE**
[54] **COMPOSITION CONTENANT UN AGENT DE LUTTE BIOLOGIQUE ET UN FONGICIDE**
[72] WACHENDORFF-NEUMANN, ULRIKE, DE
[72] ANDERSCH, WOLFRAM, DE
[72] STENZEL, KLAUS, DE
[72] SPRINGER, BERND, DE
[71] BAYER CROPSCIENCE AG, DE
[85] 2014-11-27
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[25] EN
[54] **PROCESSES FOR PREPARING LITHIUM CARBONATE**
[54] **PROCEDES DE PREPARATION DE CARBONATE DE LITHIUM**
[72] BOURASSA, GUY, CA
[72] PEARSE, GARY, CA
[72] MACKIE, STEPHEN CHARLES, CA
[72] GLADKOVAS, MYKOLAS, CA
[71] NEMASKA LITHIUM INC., CA
[85] 2014-11-27
[86] 2013-05-30 (PCT/CA2013/000526)
[87] (WO2013/177680)
[30] US (61/653,035) 2012-05-30
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[25] EN
[54] **TLR3 BINDING AGENTS**
[54] **AGENTS DE LIAISON TLR3**
[72] BONNAFOUS, CECILE, FR
[72] GAUTHIER, LAURENT, FR
[72] MOREL, YANNIS, FR
[72] PATUREL, CARINE, FR
[72] PERROT, IVAN, FR
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[54] **BICYCLIC HETEROCYCLES CAPABLE OF MODULATING T-CELL RESPONSES, AND METHODS OF USING SAME**

[54] **HETEROCYCLES BICYCLIQUES APTES A MODULER DES REPONSES DES LYMPHOCYTES T, ET PROCEDES D'UTILISATION ASSOCIES**

[72] HOMMES, DAAN, US

[72] VERHAAR, AUKE, NL

[72] VAN DEN BRINK, GIJS, NL

[72] VITI, FRANCESCA, IT

[71] NOGRA PHARMA LIMITED, IE

[85] 2014-11-27

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[30] US (61/654,398) 2012-06-01

[21] 2,874,922
[13] A1

[51] Int.Cl. B60W 50/02 (2012.01) B60W 40/064 (2012.01) B60T 7/04 (2006.01) B60T 7/12 (2006.01) B60T 17/02 (2006.01) B60T 17/18 (2006.01) B60T 17/22 (2006.01) F16D 65/00 (2006.01)

[25] EN

[54] **METHOD FOR SECURING THE BRAKING EFFECT OF A BRAKE**

[54] **PROCEDE POUR GARANTIR L'EFFET DE FREINAGE D'UN FREIN**

[72] DREWES, OLAF, DE

[71] SAF-HOLLAND GMBH, DE

[85] 2014-11-27

[86] 2013-05-31 (PCT/EP2013/061222)

[87] (WO2013/182480)

[30] DE (10 2012 209 519.5) 2012-06-06

[21] 2,874,923
[13] A1

[51] Int.Cl. C07K 7/08 (2006.01) A61K 39/395 (2006.01) C07K 14/00 (2006.01) C07K 14/005 (2006.01) G01N 33/68 (2006.01)

[25] EN

[54] **PEPTIDES DERIVED FROM VIRAL PROTEINS FOR USE AS IMMUNOGENS AND DOSAGE REACTANTS**

[54] **PEPTIDES ISSUS DE PROTEINES VIRALES POUR L'UTILISATION EN TANT QU'IMMUNOGENES ET REACTIFS DE DOSAGE**

[72] SORENSEN, BIRGER, NO

[72] OKVIST, MATS, NO

[72] HOVDEN, ARNT OVE, NO

[72] GRONVOLD, MAJA SOMMERFELT, NO

[71] BIONOR IMMUNO AS, NO

[85] 2014-11-27

[86] 2013-06-06 (PCT/EP2013/061751)

[87] (WO2013/182661)

[30] US (61/656,256) 2012-06-06

[21] 2,874,925
[13] A1

[51] Int.Cl. H01H 71/04 (2006.01) H01H 9/16 (2006.01)

[25] EN

[54] **CIRCUIT INTERRUPTER AND INDICATOR APPARATUS**

[54] **INTERRUPTEUR DE CIRCUIT ET APPAREIL INDICATEUR**

[72] GOTTSCHALK, ANDREW LAWRENCE, US

[72] SCHALTENBRAND, BRIAN JOHN, US

[71] EATON CORPORATION, US

[85] 2014-11-26

[86] 2013-04-26 (PCT/US2013/038365)

[87] (WO2014/011305)

[30] US (13/548,862) 2012-07-13

[21] 2,874,927
[13] A1

[51] Int.Cl. A61K 38/09 (2006.01) A61K 9/00 (2006.01) A61K 47/12 (2006.01)

[25] EN

[54] **MANUFACTURE OF DEGARELIX**

[54] **FABRICATION DE DEGARELIX**

[72] SCHWACH, GREGOIRE, DK

[72] NILSSON, ANDERS, SE

[72] GOTTSCHALK BOEVING, TINE ELISABETH, DK

[72] RASMUSSEN, JON HOLBECH, DK

[72] MORNSTAM, BIRGITTA, SE

[72] TSIRK, ANDERS, SE

[72] ANNBY, ULF, SE

[72] FOMSGAARD, JENS, DK

[71] FERRING B.V., NL

[85] 2014-11-27

[86] 2013-05-31 (PCT/EP2013/061264)

[87] (WO2013/178788)

[30] EP (12170454.8) 2012-06-01

[21] 2,874,928
[13] A1

[51] Int.Cl. B60L 11/18 (2006.01)

[25] EN

[54] **REMOTE ANNUNCIATOR FOR ELECTRIC VEHICLE SUPPLY EQUIPMENT**

[54] **DISPOSITIF D'ANNONCE A DISTANCE POUR EQUIPEMENT D'ALIMENTATION DE VEHICULE ELECTRIQUE**

[72] NITZBERG, JASON-DAVID, US

[72] ROGERS, BRANDON J., US

[71] EATON CORPORATION, US

[85] 2014-11-26

[86] 2013-05-09 (PCT/US2013/040277)

[87] (WO2014/014553)

[30] US (13/549,899) 2012-07-16

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[21] **2,874,930**
[13] A1
[51] **Int.Cl. H01M 8/02 (2006.01) C25B 1/08 (2006.01) C25B 9/20 (2006.01) H01M 8/04 (2006.01) H01M 8/24 (2006.01) H01M 8/12 (2006.01)**
[25] EN
[54] **SOLID OXIDE FUEL CELL OR SOLID OXIDE ELECTROLYZING CELL AND METHOD FOR OPERATING SUCH A CELL**
[54] **PILE A COMBUSTIBLE A OXYDE SOLIDE OU CELLULE D'ELECTROLYSE A OXYDE SOLIDE ET PROCEDE D'UTILISATION D'UNE TELLE CELLULE**
[72] WUILLEMIN, ZACHARIE, CH
[71] HICERAMIX S.A., CH
[85] 2014-11-27
[86] 2013-06-11 (PCT/EP2013/062051)
[87] (WO2013/186222)
[30] EP (12171565.0) 2012-06-11

[21] **2,874,931**
[13] A1
[51] **Int.Cl. H02G 3/14 (2006.01)**
[25] EN
[54] **UNIVERSAL RECEPTACLE FACEPLATE ASSEMBLY**
[54] **ENSEMBLE DE PLAQUE DE FACE DE RECEPTACLE UNIVERSEL**
[72] SEFF, PAUL DAVID, US
[72] BROOKS, ALSTON GARETH, US
[72] SAAD, STEVEN CHRISTOPHER, US
[71] EATON CORPORATION, US
[85] 2014-11-26
[86] 2013-05-09 (PCT/US2013/040327)
[87] (WO2014/014554)
[30] US (13/550,764) 2012-07-17

[21] **2,874,932**
[13] A1
[51] **Int.Cl. A61B 5/16 (2006.01) G06F 3/00 (2006.01) G06F 17/30 (2006.01) G06F 19/00 (2011.01) G09B 5/00 (2006.01) G09B 19/00 (2006.01)**
[25] EN
[54] **METHOD, SYSTEM AND INTERFACE TO FACILITATE CHANGE OF AN EMOTIONAL STATE OF A USER AND CONCURRENT USERS**
[54] **PROCEDE, SYSTEME ET INTERFACE POUR FACILITER LE CHANGEMENT D'UN ETAT EMOTIONNEL D'UN UTILISATEUR ET D'UTILISATEURS SIMULTANES**
[72] MOLDOVEANU, MIHNEA CALIN, CA
[72] FOLK, DAVID, CA
[71] NEXT INTEGRATIVE MIND LIFE SCIENCES HOLDING INC., CA
[85] 2014-11-27
[86] 2013-05-31 (PCT/CA2013/000537)
[87] (WO2013/177688)
[30] US (61/654,535) 2012-06-01

[21] **2,874,933**
[13] A1
[51] **Int.Cl. F01D 13/00 (2006.01) F02C 6/02 (2006.01) F02C 7/36 (2006.01)**
[25] EN
[54] **COMBINATION OF TWO GAS TURBINES TO DRIVE A LOAD**
[54] **COMBINAISON DE DEUX TURBINES A GAZ POUR L'ENTRAINEMENT D'UNE CHARGE**
[72] ACQUISTI, GIANNI, IT
[71] NUOVO PIGNONE SRL, IT
[85] 2014-11-27
[86] 2013-06-06 (PCT/EP2013/061743)
[87] (WO2013/182655)
[30] IT (FI2012A000112) 2012-06-08

[21] **2,874,934**
[13] A1
[51] **Int.Cl. B60C 9/08 (2006.01) B60C 3/04 (2006.01) B60C 15/00 (2006.01)**
[25] FR
[54] **AGRICULTURAL VEHICLE TYRE CARCASS REINFORCEMENT**
[54] **ARMATURE DE CARCASSE DE PNEUMATIQUE POUR VEHICULE AGRICOLE**
[72] ORLOWSKI, CLAUDE, FR
[71] COMPAGNIE GENERALE DES ETABLISSEMENTS MICHELIN, FR
[71] MICHELIN RECHERCHE ET TECHNIQUE S.A., CH
[85] 2014-11-27
[86] 2013-06-26 (PCT/EP2013/063359)
[87] (WO2014/001378)
[30] FR (1256153) 2012-06-28

[21] **2,874,935**
[13] A1
[51] **Int.Cl. F02C 7/143 (2006.01) F02C 6/06 (2006.01) F04D 17/12 (2006.01) F04D 29/58 (2006.01)**
[25] EN
[54] **HIGH PRESSURE RATIO COMPRESSORS WITH MULTIPLE INTERCOOLING AND RELATED METHODS**
[54] **COMPRESSEURS A TAUX DE COMPRESSION ELEVE A PLUSIEURS REFROIDISSEMENTS INTERMEDIAIRES ET PROCEDES ASSOCIES**
[72] GUENARD, DENIS GUILLAUME, IT
[72] BANCHI, NICOLA, IT
[72] GABBRIELLI, ANDREA, IT
[72] TACCONELLI, REMO, IT
[72] BOZZONE, FABIO, IT
[72] GRECO, GIORGIO, IT
[71] NUOVO PIGNONE SRL, IT
[85] 2014-11-27
[86] 2013-05-31 (PCT/EP2013/061295)
[87] (WO2013/182492)
[30] IT (CO2012000030) 2012-06-06

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[21] 2,874,936
[13] A1

[51] **Int.Cl. A61K 39/00 (2006.01) A61K 31/00 (2006.01) A61K 31/19 (2006.01) A61K 39/21 (2006.01)**

[25] EN
[54] **VACCINE**
[54] **VACCIN**
[72] HOIE, LARS, NO
[72] LUNDEMOSE, ANKER, NO
[72] OKVIST, MATS, NO
[72] HOVDEN, ARNT OVE, NO
[72] GRONVOLD, MAJA SOMMERFELT, NO
[72] HANSEN, VIDAR WENDEL, NO
[72] SORENSEN, BIRGER, NO
[71] BIONOR IMMUNO AS, NO
[85] 2014-11-27
[86] 2013-06-06 (PCT/EP2013/061752)
[87] (WO2013/182662)
[30] US (61/656,242) 2012-06-06
[30] US (61/768,905) 2013-02-25

[21] 2,874,937
[13] A1

[51] **Int.Cl. B29C 70/44 (2006.01) B29D 99/00 (2010.01) B29C 33/30 (2006.01) B29C 33/38 (2006.01) B29C 33/48 (2006.01) B29C 70/54 (2006.01) B29C 70/76 (2006.01) B29C 70/86 (2006.01)**

[25] FR
[54] **SELF-STIFFENED COMPOSITE PANEL AND METHOD OF PRODUCING SAME**
[54] **PANNEAU COMPOSITE AUTO-RAIDI ET PROCEDE DE REALISATION**
[72] GUITTARD, DOMINIQUE, FR
[72] LANNUZEL, MATHIEU, FR
[72] BLOT, PHILIPPE, FR
[72] BEZARD, GILLES, FR
[71] AIRBUS OPERATIONS, FR
[85] 2014-11-27
[86] 2013-05-27 (PCT/FR2013/051159)
[87] (WO2013/178917)
[30] FR (12 54925) 2012-05-29

[21] 2,874,938
[13] A1

[51] **Int.Cl. C07D 401/04 (2006.01) A61K 31/435 (2006.01) A61K 31/44 (2006.01) A61K 31/506 (2006.01) A61P 1/12 (2006.01) A61P 17/06 (2006.01) A61P 37/08 (2006.01) C07D 213/38 (2006.01) C07D 217/24 (2006.01) C07D 239/26 (2006.01) C07D 239/42 (2006.01)**

[25] EN
[54] **HETEROCYCLES CAPABLE OF MODULATING T-CELL RESPONSES, AND METHODS OF USING SAME**
[54] **HETEROCYCLES APTE A MODULER DES REPONSES DES LYMPHOCYTES T, ET PROCEDES D'UTILISATION ASSOCIES**
[72] HOMMES, DAAN, US
[72] VERHAAR, AUKE, NL
[72] VAN DEN BRINK, GIJS, NL
[72] VITL, FRANCESCA, NL
[71] NOGRA PHARMA LIMITED, IE
[85] 2014-11-27
[86] 2013-05-31 (PCT/EP2013/061330)
[87] (WO2013/178816)
[30] US (61/654,385) 2012-06-01

[21] 2,874,939
[13] A1

[51] **Int.Cl. F04B 39/10 (2006.01) B23P 19/04 (2006.01) B25B 27/24 (2006.01) F04B 39/14 (2006.01) F04B 53/10 (2006.01) F04B 53/22 (2006.01)**

[25] EN
[54] **DEVICE FOR REMOVING A VALVE AND CAGE ASSEMBLY FROM A MACHINE**
[54] **DISPOSITIF DE RETRAIT D'UN ENSEMBLE SOUPE ET CAGE D'UNE MACHINE**
[72] BRESCHI, TOMMASO, IT
[72] TENZE, ANDREA, IT
[72] BRACCIALI, FILIPPO ERBAGGIO, IT
[72] GALLINA, ELENA, IT
[71] NUOVO PIGNONE SRL, IT
[85] 2014-11-27
[86] 2013-06-07 (PCT/EP2013/061841)
[87] (WO2013/182696)
[30] IT (FI2012A000113) 2012-06-08

[21] 2,874,940
[13] A1

[51] **Int.Cl. F01D 25/24 (2006.01)**

[25] FR
[54] **COUNTER PLATE AND TURBO MACHINE COMPRISING A COUNTER PLATE**
[54] **TURBOMACHINE COMPRENANT UNE CONTRE-PLAQUE**
[72] FILLAUD, NICOLAS, FR
[71] SNECMA, FR
[85] 2014-11-27
[86] 2013-05-30 (PCT/FR2013/051222)
[87] (WO2014/016480)
[30] FR (1255229) 2012-06-05

[21] 2,874,941
[13] A1

[51] **Int.Cl. A01K 1/015 (2006.01)**

[25] EN
[54] **LOW-DUST ANIMAL LITTERS AND METHODS FOR MAKING SAME**
[54] **LITIERES ANIMALES QUASI EXEMPTES DE POUSSIERE ET LEURS PROCEDES DE FABRICATION**
[72] ZHANG, YIMIN, US
[72] JEMMOTT, EMILY ALISON, US
[72] VERA, GUSTAVO, US
[71] NESTEC SA, CH
[85] 2014-11-26
[86] 2013-05-17 (PCT/US2013/041529)
[87] (WO2013/180986)
[30] US (61/653,068) 2012-05-30

[21] 2,874,942
[13] A1

[51] **Int.Cl. C07D 203/14 (2006.01) C07D 203/18 (2006.01) C07D 203/22 (2006.01)**

[25] EN
[54] **METHOD AND CATALYST FOR SYNTHESISING AZIRIDINE**
[54] **PROCEDE ET CATALYSEUR POUR LA SYNTHESE D'AZIRIDINE**
[72] BEW, SEAN PATRICK, GB
[72] THURSTON, SEAN MICHAEL, GB
[72] PESCE, PAOLO, IT
[71] UNIVERSITY OF EAST ANGLIA, GB
[85] 2014-11-27
[86] 2013-05-31 (PCT/GB2013/051449)
[87] (WO2013/179052)
[30] GB (1209840.6) 2012-06-01

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[21] 2,874,943
[13] A1
[51] Int.Cl. G05B 23/02 (2006.01) G06Q 50/30 (2012.01) G06Q 10/00 (2012.01)
[25] FR
[54] **FORECASTING MAINTENANCE OPERATIONS TO BE APPLIED TO AN ENGINE**
[54] **PREVISION D'OPERATIONS DE MAINTENANCE A APPLIQUER SUR UN MOTEUR**
[72] ANFRIANI, ALEXANDRE, FR
[72] BRUN, CYRIL, FR
[72] SEMPERE, JULIAN, FR
[71] SNECMA, FR
[85] 2014-11-27
[86] 2013-06-07 (PCT/FR2013/051306)
[87] (WO2013/182823)
[30] FR (1255384) 2012-06-08

[21] 2,874,944
[13] A1
[51] Int.Cl. F16F 15/02 (2006.01)
[25] EN
[54] **DRIVING AN ACTIVE VIBRATION BALANCER TO MINIMIZE VIBRATIONS AT THE FUNDAMENTAL AND HARMONIC FREQUENCIES**
[54] **COMMANDE D'UN DISPOSITIF D'EQUILIBRAGE DE VIBRATIONS ACTIF POUR MINIMISER DES VIBRATIONS AUX FREQUENCES FONDAMENTALES ET HARMONIQUES**
[72] HOLLIDAY, EZEKIEL S., US
[71] SUNPOWER, INC., US
[85] 2014-11-26
[86] 2013-05-17 (PCT/US2013/041547)
[87] (WO2014/014557)
[30] US (13/549,712) 2012-07-16

[21] 2,874,945
[13] A1
[51] Int.Cl. B23K 31/02 (2006.01) B23K 9/02 (2006.01) B23K 9/16 (2006.01) B23K 9/173 (2006.01) C21D 9/50 (2006.01)
[25] FR
[54] **METHOD FOR WELDING TWO EDGES OF ONE OR MORE STEEL PARTS TO EACH OTHER INCLUDING A HEAT TREATMENT STEP AFTER THE WELDING STEP: PENSTOCK OBTAINED WITH SUCH A METHOD**
[54] **PROCEDE DE SOUDAGE DE DEUX BORDS D'UNE OU PLUSIEURS PIECES EN ACIER L' UN A L'AUTRE INCLUANT UNE ETAPE DE TRAITEMENT THERMIQUE POSTERIEURE A L'ETAPE DE SOUDURE : CONDUITE FORCEE OBTENUE PAR UN TEL PROCEDE**
[72] PRIGENT, SERGE, FR
[72] DUPARCHY, FLORIAN, FR
[72] DONCOURT, ARNAUD, FR
[71] ALSTOM RENEWABLE TECHNOLOGIES, FR
[85] 2014-11-27
[86] 2013-06-05 (PCT/EP2013/061535)
[87] (WO2013/182582)
[30] FR (1255239) 2012-06-05

[21] 2,874,946
[13] A1
[51] Int.Cl. H01M 8/02 (2006.01) C25B 1/08 (2006.01) C25B 9/20 (2006.01) H01M 8/12 (2006.01) H01M 8/24 (2006.01)
[25] EN
[54] **GAS DISTRIBUTION ELEMENT FOR A FUEL CELL**
[54] **ELEMENT DE DISTRIBUTION DE GAZ POUR PILE A COMBUSTIBLE**
[72] WUILLEMIN, ZACHARIE, CH
[71] HITECERAMIX S.A., CH
[85] 2014-11-27
[86] 2013-06-11 (PCT/EP2013/062056)
[87] (WO2013/186226)
[30] EP (12171563.5) 2012-06-11

[21] 2,874,947
[13] A1
[51] Int.Cl. H02J 13/00 (2006.01) H02J 3/00 (2006.01) H02J 9/00 (2006.01)
[25] EN
[54] **POWER CONTROL DEVICE**
[54] **DISPOSITIF DE COMMANDE DE PUISSANCE**
[72] TRUDEL, GILLES, CA
[72] JASMIN, SIMON, CA
[72] NORMANDIN, IRENE, CA
[71] BIPCO-SOFT R3 INC., BB
[85] 2014-11-27
[86] 2013-05-31 (PCT/CA2013/000538)
[87] (WO2013/177689)
[30] CA (2,778,345) 2012-06-01
[30] CA (2,809,896) 2013-03-21

[21] 2,874,948
[13] A1
[51] Int.Cl. F16M 1/04 (2006.01) F01D 25/28 (2006.01) F02C 7/20 (2006.01) F16M 1/00 (2006.01) F16M 3/00 (2006.01) F16M 5/00 (2006.01)
[25] EN
[54] **MODULAR GAS TURBINE PLANT WITH A HEAVY DUTY GAS TURBINE**
[54] **INSTALLATION MODULAIRE DE TURBINE A GAZ POSSEDANT UNE TURBINE A GAZ A GRANDE PUISSANCE**
[72] GIANCOTTI, MARCO, IT
[72] CAVERNI, STEFANO, IT
[71] NUOVO PIGNONE SRL, IT
[85] 2014-11-27
[86] 2013-06-07 (PCT/EP2013/061844)
[87] (WO2013/182697)
[30] IT (FI2012A000114) 2012-06-08

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[21] **2,874,949**
[13] A1

[51] **Int.Cl. A61L 2/24 (2006.01) G01K 1/02 (2006.01) G01K 13/02 (2006.01)**
[25] EN
[54] **AN ELECTRONIC INDICATOR DEVICE FOR CLEANING MONITORING**
[54] **DISPOSITIF INDICATEUR ELECTRONIQUE POUR SURVEILLANCE DE NETTOYAGE**
[72] ZHOU, PINGLE, CN
[72] YANG, YINGHUA, CN
[72] ZHANG, CHUNYU, CN
[72] WEN, ZHIGUO, CN
[72] LIU, DONG, CN
[71] 3M INNOVATIVE PROPERTIES COMPANY, US
[85] 2014-11-27
[86] 2012-05-31 (PCT/CN2012/076334)
[87] (WO2013/17777)

[21] **2,874,950**
[13] A1

[51] **Int.Cl. C07D 235/02 (2006.01) A61K 31/4184 (2006.01) A61P 25/28 (2006.01)**
[25] EN
[54] **CYCLOALKYL ETHER COMPOUNDS AND THEIR USE AS BACE INHIBITORS**
[54] **COMPOSES CYCLOALKYLE-ETHER ET LEUR UTILISATION EN TANT QU'INHIBITEURS DE BACE**
[72] KARLSTROM, SOFIA, GB
[72] SODERMAN, PETER, GB
[72] SWAHN, BRITT-MARIE, GB
[72] LASZLO, RAKOS, GB
[72] OHBERG, LISELOTTE, GB
[71] ASTRAZENECA AB, SE
[85] 2014-11-27
[86] 2013-06-20 (PCT/GB2013/051605)
[87] (WO2013/190301)
[30] US (61/661,923) 2012-06-20

[21] **2,874,951**
[13] A1

[51] **Int.Cl. C09D 151/10 (2006.01) C09D 151/00 (2006.01)**
[25] EN
[54] **AQUEOUS COATING COMPOSITION WITH IMPROVED STABILITY**
[54] **COMPOSITION DE REVETEMENT AQUEUSE A STABILITE AMELIOREE**
[72] WANG, TAO, CN
[72] CHEN, JUNYU, CN
[72] WANG, TAO, AU
[72] WANG, YUJIANG, CN
[72] CUI, LONGLAN, CN
[71] DOW GLOBAL TECHNOLOGIES LLC, US
[71] ROHM AND HAAS COMPANY, US
[85] 2014-11-27
[86] 2012-06-05 (PCT/CN2012/076475)
[87] (WO2013/181793)

[21] **2,874,952**
[13] A1

[51] **Int.Cl. C09D 11/02 (2014.01)**
[25] EN
[54] **COMPOSITION FOR PRINTING INK AND METHOD FOR PRINTING OBJECTS**
[54] **COMPOSITION POUR ENCRE D'IMPRESSION ET PROCEDE D'IMPRESSION D'OBJET**
[72] DE GEEST, MARC JOZEF CLEMENT, BE
[71] S+S PATENTE GMBH, CH
[85] 2014-11-27
[86] 2013-05-30 (PCT/IB2013/001093)
[87] (WO2013/179123)
[30] NL (2008903) 2012-05-30
[30] NL (2009350) 2012-08-23

[21] **2,874,953**
[13] A1

[51] **Int.Cl. C07D 401/02 (2006.01) A61K 31/351 (2006.01) A61P 3/04 (2006.01) A61P 3/10 (2006.01) A61P 29/00 (2006.01) A61P 35/00 (2006.01) A61P 37/00 (2006.01) C07D 401/06 (2006.01) C07D 401/12 (2006.01) C07D 401/14 (2006.01)**
[25] EN
[54] **PYRIDINONE AND PYRIDAZINONE DERIVATIVES**
[54] **DERIVES DE PYRIDINONE ET DE PYRIDAZINONE**
[72] HUBBARD, ROBERT DALE, US
[72] MCDANIEL, KEITH F., US
[72] PARK, CHANG HOON, US
[72] PRATT, JOHN K., US
[72] SOLTWEDEL, TODD, US
[72] SUN, CHAOHONG, US
[72] WANG, LE, US
[72] WENDT, MICHAEL D, US
[71] ABBVIE INC., US
[85] 2014-11-27
[86] 2012-06-12 (PCT/CN2012/076748)
[87] (WO2013/185284)

[21] **2,874,954**
[13] A1

[51] **Int.Cl. A47J 31/44 (2006.01)**
[25] EN
[54] **BEVERAGE MACHINE WITH VIBRATION INHIBITOR**
[54] **MACHINE A BOISSON EQUIPEE D'UN INHIBITEUR DE VIBRATIONS**
[72] CAHEN, ANTOINE, CH
[72] RITHENER, BLAISE, CH
[72] BESSON, FRANCOIS, CH
[71] NESTEC S.A., CH
[85] 2014-11-27
[86] 2013-06-14 (PCT/EP2013/062334)
[87] (WO2013/186339)
[30] EP (12172098.1) 2012-06-15

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[21] **2,874,955**
[13] A1
[51] **Int.Cl. F16F 15/02 (2006.01)**
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[54] **BALANCING VIBRATIONS AT HARMONIC FREQUENCIES BY INJECTING HARMONIC BALANCING SIGNALS INTO THE ARMATURE OF A LINEAR MOTOR/ALTERNATOR COUPLED TO A STIRLING MACHINE**
[54] **EQUILIBRAGE DE VIBRATIONS A DES FREQUENCES HARMONIQUES PAR INJECTION DE SIGNAUX D'EQUILIBRAGE D'HARMONIQUES DANS L'ARMATURE D'UN MOTEUR LINEAIRE/ALTERNATEUR COUPLE A UNE MACHINE STIRLING**
[72] HOLLIDAY, EZEKIEL S., US
[71] SUNPOWER, INC., US
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[87] (WO2014/014558)
[30] US (13/549,741) 2012-07-16

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[51] **Int.Cl. G09F 19/14 (2006.01)**
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[54] **AN ADVERTISEMENT ELEMENT A METHOD OF CREATING AN ADVERTISEMENT ELEMENT AND A METHOD OF CAPTURING ADVERTISEMENT IMAGES ON AN ADVERTISEMENT ELEMENT**
[54] **ELEMENT POUR PUBLICITE PROCEDE DE CREATION D'UN ELEMENT POUR PUBLICITE ET PROCEDE DE CAPTURE D'IMAGES PUBLICITAIRES SUR UN ELEMENT POUR PUBLICITE**
[72] SONDERGAARD, CHRISTIAN JOKUM, DK
[72] LARSEN, SOREN STOVELBÆK, DK
[71] LP SPORTS GROUP A/S, DK
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[25] EN
[54] **SYSTEM FOR PACKAGING CONTAINERS IN A CONTROLLED ENVIRONMENT**
[54] **SYSTEME DE CONDITIONNEMENT DE CONTENANTS DANS UN ENVIRONNEMENT COMMANDE**
[72] NICOLETTI, FABIANO, IT
[71] STEVANATO GROUP INTERNATIONAL A.S., SK
[85] 2014-11-27
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[30] IT (VI2012A000127) 2012-05-31

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[25] EN
[54] **NEW RELEASE SYSTEM OF HYDROPHOBIC PROTEINS**
[54] **NOUVEAU SYSTEME DE LIBERATION DE PROTEINES HYDROPHOBES**
[72] CAMPISI, MONICA, IT
[72] GUARISE, CRISTIAN, IT
[72] RENIER, DAVIDE, IT
[71] FIDIA FARMACEUTICI S.P.A., IT
[85] 2014-11-27
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[25] FR
[54] **SET OF TOOLS FOR PRODUCING A COMPOSITE PART**
[54] **ENSEMBLE D'OUTILLAGE POUR LA FABRICATION D'UNE PIECE COMPOSITE**
[72] VAUCHEL, GUY BERNARD, FR
[72] PILLON, ERIC, FR
[72] GRENET, DENIS, FR
[72] COIN, MAXIME, FR
[71] AIRCELLE, FR
[85] 2014-11-27
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[25] EN
[54] **EUGLOBULIN-BASED METHOD FOR DETERMINING THE BIOLOGICAL ACTIVITY OF DEFIBROTIDE**
[54] **PROCEDE A BASE D'EUGLOBULINE POUR LA DETERMINATION DE L'ACTIVITE BIOLOGIQUE DE DEFIBROTIDE**
[72] IGNONI, TERENCE, IT
[72] KUMAR, VIJAY, IT
[72] ISLAM, KHALID, CH
[71] GENTUM S.P.A., IT
[85] 2014-11-27
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[54] **ANTISPASMODIC 1,2-DIOLS AND 1,2,3-TRIOLS**
[54] **1,2-DIOLS ET 1,2,3-TRIOLS ANTISPASMODIQUES**
[72] SHAH, MANDER V., US
[72] SHAH, PRITI SANGHVI, US
[71] PRIMA INNOVATIONS LLC, US
[71] SHAH, MANDER V., US
[85] 2014-11-26
[86] 2013-05-24 (PCT/US2013/042583)
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[30] US (61/653,737) 2012-05-31
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[25] FR
[54] **METHOD AND ARCHITECTURE FOR THE OPTIMIZED TRANSFER OF POWER BETWEEN AN AUXILIARY POWER MOTOR AND THE MAIN ENGINES OF A HELICOPTER**
[54] **PROCEDE ET ARCHITECTURE DE TRANSFERT D'ENERGIE OPTIMISE ENTRE UN MOTEUR AUXILIAIRE DE PUISSANCE ET LES MOTEURS PRINCIPAUX D'UN HELICOPTERE**
[72] DAURIAC, PASCAL, FR
[72] BEDRINE, OLIVIER, FR
[72] MARCONI, PATRICK, FR
[72] RIDEAU, JEAN-FRANCOIS, FR
[71] TURBOMECA, FR
[71] MICROTURBO, FR
[85] 2014-11-27
[86] 2013-06-12 (PCT/FR2013/051376)
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[25] EN
[54] **IMPROVED HULL OF A TUGBOAT AND TUGBOAT COMPRISING SAID IMPROVED HULL**
[54] **COQUE PERFECTIONNEE D'UN REMORQUEUR ET REMORQUEUR COMPORTANT LADITE COQUE PERFECTIONNEE**
[72] SAVONA, UGO, IT
[71] SAVONA, UGO, IT
[85] 2014-11-27
[86] 2013-06-07 (PCT/IT2013/000163)
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[25] EN
[54] **RADIATION CURABLE FLUIDS**
[54] **FLUIDES POLYMERISABLES PAR UN RAYONNEMENT**
[72] ANDRE, XAVIER, BE
[71] AGFA GRAPHICS NV, BE
[85] 2014-11-27
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[25] FR
[54] **EFFECTIVE PRE-ECHO ATTENUATION IN A DIGITAL AUDIO SIGNAL**
[54] **ATTENUATION EFFICACE DE PRE-ECHOS DANS UN SIGNAL AUDIONUMERIQUE**
[72] KOVESI, BALAZS, FR
[72] RAGOT, STEPHANE, FR
[71] ORANGE, FR
[85] 2014-11-27
[86] 2013-06-28 (PCT/FR2013/051517)
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[25] EN
[54] **VACCINATION WITH CANINE RESPIRATORY CORONAVIRUS FOR PROTECTION AGAINST B. BRONCHISEPTICA INFECTIONS**
[54] **VACCINATION AVEC LE CORONAVIRUS RESPIRATOIRE CANIN POUR LA PROTECTION CONTRE LES INFECTIONS PAR B. BRONCHISEPTICA**
[72] SHIELDS, SHELLY LYNN, US
[72] ABDELMAGID, OMAR YOUSIF, US
[71] ZOETIS LLC, US
[85] 2014-11-26
[86] 2013-05-24 (PCT/US2013/042590)
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[54] **PTERIDINES AS FGFR INHIBITORS**
[54] **PTERIDINES A TITRE D'INHIBITEURS DE FGFR**
[72] SAXTY, GORDON, GB
[72] HAMLETT, CHRISTOPHER
CHARLES FREDERICK, GB
[72] BERDINI, VALERIO, GB
[72] MURRAY, CHRISTOPHER WILLIAM, GB
[72] ANGIBAUD, PATRICK RENE, FR
[72] QUEROLLE, OLIVIER ALEXIS
GEORGES, FR
[72] PONCELET, VIRGINIE SOPHIE, FR
[71] ASTEX THERAPEUTICS LIMITED, GB
[85] 2014-11-27
[86] 2013-05-30 (PCT/GB2013/051427)
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[30] GB (1209613.7) 2012-05-30
[30] US (61/653,081) 2012-05-30
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[25] EN
[54] **SYNERGISTIC THERAPIES OF CANNABIDIOL WITH HYPOTHERMIA FOR NEUROPROTECTION**
[54] **THERAPIES SYNERGIQUES UTILISANT LE CANNABIDIOL ET L'HYPOTHERMIE POUR LA NEUROPROTECTION**
[72] MARTINEZ-ORGADO, JOSE, ES
[72] GUY, GEOFFREY, GB
[71] GW PHARMA LIMITED, GB
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[86] 2013-06-10 (PCT/GB2013/051519)
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[25] EN
[54] **A COMPOSITION IN THE FORM OF A DISPERSION COMPRISING A LIGNIN, A METHOD FOR THE MANUFACTURING THEREOF AND USE THEREOF**
[54] **COMPOSITION SOUS FORME DE DISPERSION COMPRENANT UNE LIGNINE, PROCEDE DE FABRICATION ET UTILISATION DE LADITE COMPOSITION**
[72] GRUNBAUER, HENRI J.M., NL
[71] STORA ENSO OYJ, FI
[85] 2014-11-27
[86] 2013-05-30 (PCT/IB2013/054464)
[87] (WO2013/179251)
[30] SE (1250569-9) 2012-06-01

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[13] A1
[51] **Int.Cl. C12Q 1/68 (2006.01) C12N 15/11 (2006.01)**
[25] EN
[54] **NUCLEIC ACID AMPLIFICATION AND USE THEREOF**
[54] **AMPLIFICATION D'ACIDE NUCLEIQUE ET SON UTILISATION**
[72] MORRISON, TOM, US
[71] ACCUGENOMICS, INC., US
[85] 2014-11-26
[86] 2013-05-24 (PCT/US2013/042666)
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[30] US (61/651,824) 2012-05-25

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[51] **Int.Cl. B65B 39/00 (2006.01) B65B 25/00 (2006.01)**
[25] EN
[54] **ARTICLE DISPENSING**
[54] **DISTRIBUTION D'ARTICLES**
[72] BRUG, MARK, US
[72] KAMAS, BRIAN D., US
[72] KERKESLAGER, JASON, US
[71] MULTISORB TECHNOLOGIES, INC., US
[85] 2014-11-26
[86] 2013-05-24 (PCT/US2013/042707)
[87] (WO2013/181106)
[30] US (13/483,787) 2012-05-30
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[51] **Int.Cl. E21B 44/00 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR OPTIMIZING FACILITY LIMITED PRODUCTION AND INJECTION IN AN INTEGRATED RESERVOIR AND GATHERING NETWORK**
[54] **SYSTEMES ET PROCEDES POUR OPTIMISER LA PRODUCTION ET L'INJECTION A INSTALLATION LIMITEE DANS UN RESERVOIR INTEGRE ET UN RESEAU COLLECTEUR**
[72] FLEMING, GRAHAM CHRISTOPHER, US
[72] LU, QIN, US
[71] LANDMARK GRAPHICS CORPORATION, US
[85] 2014-11-26
[86] 2013-05-28 (PCT/US2013/042825)
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[30] US (61/660,660) 2012-06-15

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[51] **Int.Cl. G06Q 10/04 (2012.01) G06F 17/10 (2006.01)**
[25] EN
[54] **METHODS AND SYSTEMS FOR NON-PHYSICAL ATTRIBUTE MANAGEMENT IN RESERVOIR SIMULATION**
[54] **PROCEDES ET SYSTEMES DE GESTION D'ATTRIBUTS NON PHYSIQUES DANS UNE SIMULATION DE RESERVOIRS**
[72] FLEMING, GRAHAM CHRISTOPHER, US
[71] LANDMARK GRAPHICS CORPORATION, US
[85] 2014-11-26
[86] 2013-05-28 (PCT/US2013/042843)
[87] (WO2013/188091)
[30] US (61/660,645) 2012-06-15

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[51] **Int.Cl. C07K 16/22 (2006.01) A61K 39/395 (2006.01) C12P 21/08 (2006.01)**
[25] EN
[54] **ANTIGEN BINDING PROTEINS THAT BIND DLL-4**
[54] **PROTEINES LIANT L'ANTIGENE QUI LIENT DLL-4**
[72] GROS, EDWIGE, US
[72] ZHANG, YANLIANG, US
[72] ZHOU, HEYUE, US
[72] GASTWIRT, RANDY, US
[71] SORRENTO THERAPEUTICS INC., US
[85] 2014-11-26
[86] 2013-05-28 (PCT/US2013/042912)
[87] (WO2014/062245)
[30] US (61/654,019) 2012-05-31

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[51] **Int.Cl. B01D 53/14 (2006.01) B01D 53/52 (2006.01) B01D 53/78 (2006.01) C01B 17/16 (2006.01) C07C 217/00 (2006.01)**
[25] EN
[54] **A METHOD OF IMPROVING A PROCESS FOR THE SELECTIVE ABSORPTION OF HYDROGEN SULFIDE**
[54] **PROCEDE D'AMELIORATION D'UN PROCESSUS PERMETTANT D'EFFECTUER L'ABSORPTION SELECTIVE DE SULFURE D'HYDROGENE**
[72] CRITCHFIELD, JAMES EDWARD, US
[72] VALENZUELA, DIEGO PATRICIO, NL
[72] WILSON, LOREN CLARK, US
[72] ZHOU, JINGJUN, US
[71] SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V., NL
[71] HUNTSMAN PETROCHEMICAL LLC, US
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[86] 2013-05-29 (PCT/US2013/043115)
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[54] **APPLICATION ECOSYSTEM AND AUTHENTICATION**
[54] **ECOSYSTEME D'APPLICATION ET AUTHENTIFICATION**
[72] SATYAVOLU, RAMAKRISHNA V., US
[72] SOMASHEKAR, MANJUNATH SULIBELE, US
[72] SHAH, AKSHIT MUKESH, US
[72] KULKARNI, NILESH VIJAY, US
[72] KOTHARI, SAMIR, US
[72] NAKSHATRALA, BALA KRISHNA, US
[72] SHANMUGAM, SARA VANA PERUMAL, US
[72] THORNTON, JOHN MICHAEL, US
[72] LI, SHAN, US
[71] TRUAXIS, INC., US
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[86] 2013-05-29 (PCT/US2013/043125)
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[30] US (61/652,662) 2012-05-29
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[25] EN
[54] **SYSTEM FOR CONTAINMENT, MEASUREMENT, AND REUSE OF FLUIDS IN HYDRAULIC FRACTURING**
[54] **SYSTEME DE CONFINEMENT, MESURE ET REUTILISATION DES FLUIDES EN FRACTURATION HYDRAULIQUE**
[72] VICKERS, PAUL, CA
[71] P.V. FLOOD CONTROL CORP., CA
[85] 2014-11-26
[86] 2013-05-29 (PCT/US2013/043170)
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[25] EN
[54] **CURRENT CONTROL FOR ELECTROTRANSPORT DRUG DELIVERY**
[54] **REGULATION DE COURANT POUR ADMINISTRATION DE MEDICAMENTS PAR TRANSPORT ELECTRIQUE**
[72] WHITE, BRADLEY E., US
[72] HAYTER, PAUL, US
[72] LEMKE, JOHN, US
[72] SATRE, SCOT, US
[72] CHEN, CORINNA X., US
[72] READ, BRIAN W., US
[72] DOUGHERTY, JASON E., US
[71] INCLINE THERAPEUTICS, INC., US
[71] ALZA CORPORATION, US
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[30] US (13/493,314) 2012-06-11

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[25] EN
[54] **FLUID FLOW CONTROL USING CHANNELS**
[54] **REGULATION D'ECOLEMENT DE FLUIDE A L'AIDE DE CANAUX**
[72] ZHAO, LIANG, US
[72] DYKSTRA, JASON D., US
[72] FRIPP, MICHAEL LINLEY, US
[71] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2014-12-10
[86] 2012-06-26 (PCT/US2012/044134)
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[25] EN
[54] **FUNGAL RESISTANT PLANTS EXPRESSING HCP5**
[54] **PLANTES EXPRIMANT HCP5 RESISTANT AUX PATHOGENES FONGIQUES**
[72] SCHULTHEISS, HOLGER, DE
[72] FLACHMANN, RALF, DE
[71] BASF PLANT SCIENCE COMPANY GMBH, DE
[85] 2014-11-27
[86] 2013-07-30 (PCT/IB2013/056244)
[87] (WO2014/024090)
[30] US (61/681,162) 2012-08-09
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[25] EN
[54] **BACKPLANE OPTICAL CONNECTOR**
[54] **CONNECTEUR OPTIQUE POUR FOND DE PANIER**
[72] KOREEDA, YUICHI, JP
[72] NAKAGAWA, KOHJI, JP
[72] NOMURA, RIKI, JP
[72] CHUJO, NORIO, JP
[71] JAPAN AVIATION ELECTRONICS INDUSTRY, LIMITED, JP
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[25] EN
[54] **HETEROCYCLIC COMPOUND**
[54] **COMPOSE HETEROCYCLIQUE**
[72] NARA, HIROSHI, JP
[72] DAINI, MASAKI, JP
[72] KAIEDA, AKIRA, JP
[72] KAMEI, TAKU, JP
[72] IMAEDA, TOSHIHIRO, JP
[72] KIKUCHI, FUMIAKI, JP
[71] TAKEDA PHARMACEUTICAL COMPANY LIMITED, JP
[85] 2014-11-27
[86] 2013-05-31 (PCT/JP2013/065183)
[87] (WO2013/180265)
[30] JP (2012-126462) 2012-06-01

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[51] Int.Cl. C07D 317/18 (2006.01) A61K 31/357 (2006.01) A61P 21/00 (2006.01)
[25] EN
[54] **PHENYLALKYL SULFAMATE COMPOUND AND MUSCLE RELAXANT COMPOSITION COMPRISING THE SAME**
[54] **COMPOSE DE SULFAMATE DE PHENYLALKYLE ET COMPOSITION MYORELAXANTE LE CONTENANT**
[72] CHOI, YONG MOON, KR
[71] BIO-PHARM SOLUTIONS CO., LTD., KR
[85] 2014-11-27
[86] 2013-06-14 (PCT/KR2013/005279)
[87] (WO2013/187727)
[30] US (61/660,064) 2012-06-15

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[51] Int.Cl. H01J 49/16 (2006.01) G01N 33/487 (2006.01) H01J 49/00 (2006.01)
[25] EN
[54] **DEEP-MALDI TOF MASS SPECTROMETRY OF COMPLEX BIOLOGICAL SAMPLES, E.G., SERUM, AND USES THEREOF**
[54] **SPECTROMETRIE DE MASSE MALDI-TOF EN PROFONDEUR D'ECHANTILLONS BIOLOGIQUES COMPLEXES, P. EX. DE SERUM, ET SES UTILISATIONS**
[72] RÖDER, HEINRICH, US
[72] ASMELLASH, SENAÏT, US
[72] ALLEN, JENNA, US
[72] TSYPIN, MAXIM, US
[71] BIODESIX, INC., US
[85] 2014-11-27
[86] 2013-03-15 (PCT/US2013/031998)
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[30] US (61/652,394) 2012-05-29

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[51] Int.Cl. A01K 43/00 (2006.01)
[25] EN
[54] **PROCESSING SYSTEM FOR TRANSFERRING EGGS, AND ASSOCIATED METHOD**
[54] **SYSTEME DE TRAITEMENT POUR LE TRANSFERT D'OEUFs, ET PROCEDE ASSOCIE**
[72] HEBBRANK, JOHN H., US
[72] REES, DANIEL SCOTT, US
[72] SCHNUPPER, MICHAEL GLENN, US
[72] STEEN, PAUL ARCHIE, US
[71] ZOETIS LLC, US
[85] 2014-11-27
[86] 2013-05-28 (PCT/US2013/042809)
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[30] US (61/655,561) 2012-06-05
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[54] **PROCEDE ET SYSTEME PERMETTANT DE TRIER DES DONNEES DANS UN ENVIRONNEMENT DE CLOUD COMPUTING ET D'AUTRES ENVIRONNEMENTS D'INFORMATIQUE DISTRIBUEE**

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[54] **PROCEDES DE PREDICTION DE BLASTOCYSTE EMBRYONNAIRE IN VITRO**
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[54] **PROCEDES ET SYSTEMES D'INTERROGATION DE NEUTRON DE TEMPS DE VOL POUR UNE DISTINCTION DE MATERIAUX**
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[54] **METHODE DE TRAITEMENT DE MALADIES INFLAMMATOIRES DE LA PEAU**
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[54] **COMPOSITION PHARMACEUTIQUE POUR TRAITER L'INFLAMMATION ET LA DOULEUR**
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[54] **COMPOSITION PHARMACEUTIQUE POUR TRAITER L'INFLAMMATION ET LA DOULEUR**
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[72] JONES, GERALD S., US
[72] BRESSE, DAVID M., US
[71] OLATEC INDUSTRIES LLC, US
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[54] **CONSTRUCT AND METHOD FOR EXPRESSING TRANSGENES USING A BRASSICA BIDIRECTIONAL CONSTITUTIVE PROMOTER**
[54] **CONSTRUCTION ET PROCEDE D'EXPRESSION DE TRANSGENES AU MOYEN D'UN PROMOTEUR CONSTITUTIF BIDIRECTIONNEL DE BRASSICA**
[72] GUPTA, MANJU, US
[72] RUSSELL, SEAN MICHAEL, US
[72] SHEN, LIU YIN, US
[72] CHENNAREDDY, SIVARAMA REDDY, US
[72] ROUT, JYOTI R., US
[72] NOVAK, STEPHEN, US
[71] DOW AGROSCIENCES LLC, US
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[54] **METHODS OF TREATING OVERWEIGHT AND OBESITY**
[54] **METHODES DE TRAITEMENT DE LA SURCHARGE PONDERALE ET DE L'OBESITE**
[72] KLASSEN, PRESTON, US
[72] TAYLOR, KRISTIN, US
[71] OREXIGEN THERAPEUTICS, INC., US
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[72] LECLERCQ, LAURENT CHRISTIAN L., BE
[72] BAROLOME-NEBRED, JOSE MANUEL, ES
[72] CONDE-CEIDE, SUSANA, ES
[72] VAN GOOL, MICHEL LUC MARIA, ES
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[54] **METHODS FOR INCREASING GENETIC PROGRESS IN A LINE OR BREED OF SWINE USING SEX-SELECTED SPERM CELLS**
[54] **PROCEDES D'AMELIORATION DU PROGRES GENETIQUE DANS UNE LIGNEE OU RACE DE PORCS AU MOYEN DE SPERMATOZOIDES SELECTIONNES EN FONCTION DU SEXE**
[72] MORENO, JUAN, US
[72] BEVIER, GREGG, US
[72] DOBRINSKY, JOHN, US
[71] INGURAN, LLC, US
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[54] **METHOD FOR PROCESSING AN UNFINISHED OPTICAL LENS MEMBER FOR MANUFACTURE OF AN OPTICAL LENS**
[54] **PROCEDE DE TRAITEMENT D'UN ELEMENT NON FINI DE LENTILLE OPTIQUE POUR LA FABRICATION D'UNE LENTILLE OPTIQUE**
[72] BAUDART, THIERRY, FR
[72] MARTIN, VIRGINIE, FR
[71] ESSLOR INTERNATIONAL (COMPAGNIE GENERALE D'OPTIQUE), FR
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[54] **DISPOSITIF DE SERRAGE**
[72] BUSCHBECK, ANDREAS, DE
[72] BREITWIESER, MATTHIAS, DE
[72] PEITER, DIETER, DE
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[71] SCHENCK ROTEC GMBH, DE
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[54] **PROCEDE DE SYNTHESE DU SULFORAPHANE**
[72] DAMIREDDI, SAHADEVA REDDY, US
[72] AKUE, KPAKPO AMBROISE, US
[72] NELSON, JARED K., US
[72] FRISBEE, ALBERT ROGER, US
[72] NEWSOME, PETER WYATT, US
[71] PHARMAGRA LABS, INC., US
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[54] **AGENT FOR PREVENTING AND/OR TREATING PERIPHERAL NEUROPATHIC PAIN CAUSED BY ANTI-CANCER DRUG**
[54] **AGENT DE PREVENTION ET/OU DE TRAITEMENT D'UNE DOULEUR NEUROPATHIQUE PERIPHERIQUE CAUSEE PAR UN MEDICAMENT ANTICANCEREUX**
[72] KAWABATA, ATSUFUMI, JP
[72] SUZUKI, HIDEAKI, JP
[71] KINKI UNIVERSITY, JP
[71] ASAHI KASEI PHARMA CORPORATION, JP
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[54] **METHOD AND SYSTEM FOR TESTING OPERATIONAL INTEGRITY OF A DRILLING RIG**
[54] **PROCEDE ET SYSTEME DE TEST DE L'INTEGRITE OPERATIONNELLE D'UN EQUIPEMENT DE FORAGE**
[72] GAO, ROBERT X., US
[72] ELLIS, BRIAN CHARLES, US
[72] SMITH, BOONE ELBERT, US
[72] PUENTE, JOSE ABELARDO SANCHEZ, US
[72] WANG, JINJIANG, US
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[71] UNIVERSITY OF CONNECTICUT, US
[71] CANRIG DRILLING TECHNOLOGY LTD., US
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[72] LIU, BO, US
[72] SESHADRI, REKHA, US
[71] EXXONMOBIL RESEARCH AND ENGINEERING COMPANY, US
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[54] **PROCEDE ET ENSEMBLE DE RACCORDEMENT DE TUBE DE DERIVATION**
[72] CUNNINGHAM, GREGORY SCOTT, US
[72] LEAST, BRANDON THOMAS, US
[72] GRECI, STEPHEN MICHAEL, US
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[54] **CASSETTE CHIRURGICALE**
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[72] ROSS, MARK W., US
[71] ABBOTT MEDICAL OPTICS INC., US
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[54] **DISPOSITIF D'ACCOUPLEMENT ET OUTIL DE COUPE**
[72] SAJI, RYUICHI, JP
[71] TUNGALOY CORPORATION, JP
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[54] **PRODRUG OF FLUORINE-CONTAINING AMINO ACID**
[54] **PROMEDICAMENT D'ACIDE AMINE CONTENANT DU FLUOR**
[72] HASHIHAYATA, TAKASHI, JP
[72] OTAKE, NORIKAZU, JP
[72] MIYAKOSHI, NAOKI, JP
[72] SAKAGAMI, KAZUNARI, JP
[71] TAISHO PHARMACEUTICAL CO., LTD., JP
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[54] **PROCESS FOR PRODUCING SUGAR SOLUTION**
[54] **PROCEDE DE PRODUCTION D'UNE SOLUTION DE SUCRE**
[72] KURIHARA, HIROYUKI, JP
[72] YAMADA, KATSUSHIGE, JP
[71] TORAY INDUSTRIES, INC., JP
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- [25] EN
- [54] **TURBOFAN ENGINE WITH CONVERGENT - DIVERGENT EXHAUST NOZZLE**
- [54] **MOTEUR A DOUBLE FLUX COMPRENANT UNE TUYERE D'ECHAPPEMENT CONVERGENTE/DIVERGENTE**
- [72] LEEP, COR, NL
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- [54] **QUEUE MANAGEMENT SYSTEM AND METHOD**
- [54] **SYSTEME ET PROCEDE DE GESTION DES FILES D'ATTENTE**
- [72] SCHWARTZ, JUSTIN MICHAEL, US
- [72] OSTERMAN, ROSS ALAN, US
- [72] POLK, JEFFREY LAMAR, US
- [71] UNIVERSAL CITY STUDIOS LLC, US
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- [54] **METHOD AND SYSTEM FOR MEASURING THE PHARMACOKINETICS OF LIPOSOMAL CURCUMIN AND ITS METABOLITE**
- [54] **PROCEDE ET SYSTEME POUR MESURER LA PHARMACOCINETIQUE DE LA CURCUMINE EN LIPOSOME ET SA TETRAHYDROCURCUMINE METABOLITE**
- [72] HELSON, LAWRENCE, US
- [71] SIGNPATH PHARMA INC., US
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- [54] **ANTI-PCSK9 ANTIBODIES, FORMULATIONS, DOSING, AND METHODS OF USE**
- [54] **ANTICORPS ANTI-PCSK9, FORMULATIONS, DOSAGE, ET METHODES D'UTILISATION**
- [72] WU, YAN, US
- [72] CHIU, CECILIA PUI CHI, US
- [72] KIRCHHOFFER, DANIEL K., US
- [72] PETERSON, ANDREW, US
- [72] KOLUMAM, GANESH A., US
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- [72] MORAN, PAUL, US
- [72] LI, WEI, US
- [72] LAM, XANTHE, US
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- [72] HUI, ADA, US
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- [72] BUDHA, NAGESHWAR R., US
- [71] GENENTECH, INC., US
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- [54] **HELMET COVER ASSEMBLY HAVING AT LEAST ONE MOUNTING DEVICE**
- [54] **ENSEMBLE REVETEMENT DE CASQUE AYANT AU MOINS UN DISPOSITIF DE MONTAGE**
- [72] LONG, RICHARD J., US
- [71] GENTEX CORPORATION, US
- [85] 2014-11-27
- [86] 2013-06-17 (PCT/US2013/046081)
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- [25] EN
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- [54] **ANTENNE SOUTERRAINE COMPRENANT UN ELEMENT D'ANTENNE ET UNE LIGNE COAXIALE DANS CELLE-CI ET PROCEDES ASSOCIES**
- [72] WRIGHT, BRIAN N., US
- [72] HEWITT, RAYMOND C., US
- [72] DICKEY, DANIEL L., US
- [71] HARRIS CORPORATION, US
- [71] CONTINENTAL ELECTRONICS CORPORATION, US
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- [54] **METHODS AND SYSTEM FOR MINOR LOOP FEEDBACK FALLBACK**
- [54] **PROCEDES ET SYSTEME DE REPRISE DE RETROACTION DE BOUCLE MINEURE**
- [72] JUNK, KENNETH WILLIAM, US
- [71] FISHER CONTROLS INTERNATIONAL LLC, US
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[72] BARRETT, PHILIP ALEXANDER, US

[72] PONTONIO, STEVEN JOHN, US

[72] KECHAGIA, PERSEFONI, US

[72] STEPHENSON, NEIL ANDREW, US

[72] WESTON, KERRY C., US

[71] PRAXAIR TECHNOLOGY, INC., US

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[54] **APPAREIL DE RALLONGE ELECTRIQUE POUVANT S'ENROULER ET PROCEDES ASSOCIES**

[72] RIESGAARD, JACOB, NIELS, US

[72] DIATLO, JORDAN, US

[72] OXLEY, NICHOLAS, US

[72] ELIASU, FARIS, US

[72] FUGLER, JESSICA, US

[71] QUIRKY, INC., US

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[54] **SOUND ABSORBING AND SCREENING MATERIAL AND METHOD FOR MANUFACTURING SAME**

[54] **MATERIAU D'ECRAN ET D'ABSORPTION DES SONS ET PROCEDE POUR SA FABRICATION**

[72] KIM, KEUN YOUNG, KR

[72] SEO, WON JIN, KR

[71] KIA MOTORS CORPORATION, KR

[71] HYUNDAI MOTOR COMPANY, KR

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[30] KR (10-2012-0066309) 2012-06-20

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[54] **MANUFACTURE OF WELL TOOLS WITH MATRIX MATERIALS**

[54] **FABRICATION D'OUTILS DE FORAGE AVEC DES MATERIAUX MATRICIELS**

[72] THOMAS, JEFFREY G., US

[71] HALLIBURTON ENERGY SERVICES, INC., US

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[21] 2,875,111

[13] A1

[51] **Int.Cl. G07F 7/00 (2006.01) B67D 1/00 (2006.01)**

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[54] **SYSTEMS AND METHODS FOR PROVIDING A COMBINED PRODUCT FOR DISPENSING FROM A PRODUCT DISPENSER**
[54] **SYSTEMES ET PROCEDES DE FOURNITURE D'UN PRODUIT COMBINE POUR DISTRIBUTION A PARTIR D'UN DISTRIBUTEUR DE PRODUIT**

[72] GREEN, BRAD, US

[72] MOORE, WILLIAM J., US

[72] SLAGLEY, DAVID O., US

[72] NEWMAN, DAVID R., US

[72] CARPENTER, GREGG, US

[72] FARRELL, GENE, US

[72] JONES, CYNTHIA D., US

[72] CUPPARI, SCOTT, US

[71] THE COCA COLA COMPANY, US

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[54] **SYSTEME D'ANTIPATINAGE A L'ACCELERATION POUR MACHINE A MOTEUR**

[72] ZENT, KEVIN JOSEPH, US

[72] KALDOR, MATTHEW JAMES, US

[71] CLARK EQUIPMENT COMPANY, US

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[25] EN
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[54] NOTES CRYPTIQUES ET APPAREIL ET PROCEDES ASSOCIES
[72] BAYER, JOSEPH, SR., US
[72] PICKETT, JEFFREY D., US
[72] SCHERRER, RICHARD B., US
[71] FLEUR DE LIS GROUP, LLC, US
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[30] US (13/835,476) 2013-03-15

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[54] STRUCTURE DE BRAS DE LEVAGE AVEC PARTIE DE GENOU ARTICULEE POUR UNE MACHINE DE PUISSANCE
[72] KOCH, RODNEY, US
[71] CLARK EQUIPMENT COMPANY, US
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[54] VILEBREQUIN A BRAS INTERMEDIAIRE COMPRENANT UNE DETENTE DE CONTRAINTES FORGEE
[72] WALTERS, STEVEN K., US
[71] HONDA MOTOR CO., LTD., JP
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[25] EN
[54] CUTTING ELEMENT, CUTTER TOOL AND METHOD OF CUTTING WITHIN A BOREHOLE
[54] ELEMENT DE COUPE, OUTIL DE COUPE ET PROCEDE DE COUPE DANS UN TROU DE FORAGE
[72] STOWE, CALVIN J., II, US
[71] BAKER HUGHES INCORPORATED, US
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[25] EN
[54] DUAL EVAPORATOR REFRIGERATION SYSTEM USING ZEOTROPIC REFRIGERANT MIXTURE
[54] SYSTEME DE REFRIGERATION A DEUX EVAPORATEURS QUI UTILISE UN MELANGE REFRIGERANT ZEOTROPIQUE
[72] JUNGE, BRENT ALDEN, US
[71] GENERAL ELECTRIC COMPANY, US
[85] 2014-11-27
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[25] EN
[54] FLUID DIVERSION MECHANISM FOR BODILY-FLUID SAMPLING
[54] MECANISME DE DEVIATION DE FLUIDE POUR PRELEVEMENT DE FLUIDE CORPOREL
[72] BULLINGTON, GREGORY J., US
[72] PATTON, RICHARD G., US
[72] MIAZGA, JAY M., US
[72] GAW, SHAN E., US
[71] MAGNOLIA MEDICAL TECHNOLOGIES, INC., US
[71] BULLINGTON, GREGORY J., US
[71] PATTON, RICHARD G., US
[71] MIAZGA, JAY M., US
[71] GAW, SHAN E., US
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[86] 2013-05-30 (PCT/US2013/043289)
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[54] **NOVEL ORGANISMS**

[54] **SELECTION DE SYMBIOTES EN CRIBLANT PLUSIEURS ASSOCIATIONS HOTE-SYMBIOTE**

[72] SPANGENBERG, GERMAN CARLOS, AU

[72] FORSTER, JOHN WHITE, AU

[72] COGAN, NOEL, AU

[72] RAN, YIDONG, AU

[72] MASON, JOHN GREGORY, AU

[72] SAWBRIDGE, TIMOTHY IVOR, AU

[72] HAYES, BEN, AU

[72] HAYDEN, MATTHEW JAMES, AU

[72] GUTHRIDGE, KATHRYN MICHAELA, AU

[72] ROCHFORD, SIMONE JANE, AU

[72] COCKS, BEN, AU

[72] DAETWYLER, HANS DIETER, AU

[71] AGRICULTURE VICTORIA SERVICES PTY LTD, AU

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[54] **GLASS CONTAINER INSULATIVE COATING**

[54] **REVEITEMENT ISOLANT DE RECIPIENT EN VERRE**

[72] REMINGTON, MICHAEL P., JR., US

[71] OWENS-BROCKWAY GLASS CONTAINER INC., US

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[25] EN

[54] **METHOD FOR LARGE SCALE GENERATION OF ARTIFICIAL SEEDS COMPRISING SYMBIOTA**

[54] **PROCEDE POUR GENERER A GRANDE ECHELLE DES SEMENCES ARTIFICIELLES COMPRENANT DES SYMBIOTES**

[72] SPANGENBERG, GERMAN CARLOS, AU

[72] GUTHRIDGE, KATHRYN MICHAELA, AU

[72] RAN, YIDONG, AU

[72] MASON, JOHN GREGORY, AU

[71] AGRICULTURE VICTORIA SERVICES PTY LTD, AU

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[54] **FLEXIBLE DRY SPRINKLERS**

[54] **EXTINCTEURS A SEC FLEXIBLES**

[72] POLAN, GEORGE, US

[71] THE RELIABLE AUTOMATIC SPRINKLER CO., INC., US

[85] 2014-11-28

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[54] **ADHESIVE EARPLUGS USEFUL FOR SEALING THE EAR CANAL**

[54] **BOUCHONS D'OREILLE ADHESIFS UTILES POUR RENDRE ETANCHE LE CONDUIT AUDITIF**

[72] BHAT, NIKHIL, US

[72] SALEKI, MANSOUR, US

[72] GIROTRA, ROHIT, US

[72] ANDREAS, BERNARD H., US

[72] CANTU, ALFREDO, US

[72] BRAHANA, CHRISTOPHER TODD, US

[72] RANADE, SHRIRANG V., US

[72] RAY, MIRANDA, US

[71] ACCLARENT, INC., US

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[54] **COMPOSITIONS DE CIMENTS COMPRENANT DES SAPONINES, ET PROCEDES ASSOCIES**

[72] PEWITT, KEITH D., US

[72] BRENNEIS, D. CHAD, US

[72] KARCHER, JEFFERY D., US

[71] HALLIBURTON ENERGY SERVICES, INC., US

[85] 2014-11-28

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[54] APPAREIL ET PROCEDE PERMETTANT DE REGULER LA PRESSION DANS UN TROU DE FORAGE
[72] KJOSNES, IVAR, NO
[72] ROLLAND, NILS LENNART, NO
[71] STATOIL PETROLEUM AS, NO
[85] 2014-11-28
[86] 2012-10-24 (PCT/EP2012/071043)
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[30] GB (1209844.8) 2012-06-01

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[51] Int.Cl. G01J 3/443 (2006.01) G01J 3/08 (2006.01)
[25] EN
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[54] ENSEMBLE OBTURATEUR POUR UN ANALYSEUR D'ECHANTILLON UTILISANT LA LUMINESCENCE
[72] JASPERSE, JEFFREY R., US
[71] SIEMENS HEALTHCARE DIAGNOSTICS INC., US
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[86] 2013-05-23 (PCT/US2013/042372)
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[30] US (61/652,553) 2012-05-29

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[54] METHOD AND COMPOSITION FOR ENHANCED OIL RECOVERY BASED ON SUPERCRITICAL CARBON DIOXIDE AND A NONIONIC SURFACTANT
[54] PROCEDE ET COMPOSITION PERMETTANT UNE RECUPERATION AMELIOREE DE PETROLE AU MOYEN DE DIOXYDE DE CARBONE SUPERCRITIQUE ET D'UN TENSIOACTIF NON IONIQUE
[72] ABBAS, SAYEED, US
[72] ELOWE, PAUL R., US
[72] SANDERS, AARON W., US
[72] FALCONE-POTTS, SUSAN K., US
[71] DOW GLOBAL TECHNOLOGIES LLC, US
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[54] PROCEDE DE SUPERVISION D'UNE CONNEXION DE BAVARDAGE EN LIGNE
[72] HAUKE, RUDOLF, CH
[72] KUFFER, ROGER, CH
[72] HOLZER, MARKUS, CH
[71] ATG ADVANCED SWISS TECHNOLOGY GROUP AG, CH
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[13] A1
[51] Int.Cl. A43C 11/00 (2006.01)
[25] EN
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[54] SYSTEME DE FERMETURE A LANIERE INTERCHANGEABLE POUR UNE CHAUSSURE
[72] RINGHOLZ, RYAN, US
[71] PLAE, INC., US
[85] 2014-11-28
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[54] PEPTIDES D'ALTERNARIA
[72] HAFNER, RODERICK PETER, GB
[72] LAIDLER, PAUL, GB
[72] HICKEY, PASCAL, GB
[72] LARCHE, MARK, CA
[71] CIRCASSIA LIMITED, GB
[85] 2014-11-28
[86] 2013-05-30 (PCT/GB2013/051439)
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[30] GB (1209868.7) 2012-06-01

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[51] Int.Cl. C07K 14/37 (2006.01) A61K 39/35 (2006.01) C12N 9/64 (2006.01)
[25] EN
[54] CLADOSPORIUM PEPTIDES
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[72] HAFNER, RODERICK PETER, GB
[72] LAIDLER, PAUL, GB
[72] HICKEY, PASCAL, GB
[72] LARCHE, MARK, CA
[71] CIRCASSIA LIMITED, GB
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- [25] EN
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- [54] DERIVES DE SPIRO-TETRAHYDRO-BENZOTHIOPHENE UTILISES POUR TRAITER LES MALADIES NEURODEGENERATIVES
- [72] QUATTROPANI, ANNA, CH
- [72] SWINNEN, DOMINIQUE, BE
- [71] ARES TRADING S.A., CH
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- [30] US (61/655,078) 2012-06-04

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- [72] BONNEFIN, WAYNE LEE, GB
- [72] BUGEDO ALBIZURI, ANDER, GB
- [72] PARSONS, DAVID, GB
- [72] THOMPSON, JOSEPH, GB
- [71] CONVATEC TECHNOLOGIES INC., US
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- [54] LIANTS A BASE DE CIMENT, ACTIVATEURS ET PROCEDES DE FABRICATION DE BETON
- [72] BALL, DAVID MARTIN JAMES, GB
- [72] LISKA, MARTIN, GB
- [72] HEWLETT, PETER, GB
- [71] DAVID BALL GROUP PLC, GB
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- [30] GB (1209865.3) 2012-06-01
- [30] GB (PCT/GB2012/051699) 2012-07-16

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- [25] EN
- [54] METHOD AND APPARATUS FOR TRANSITIONING BETWEEN PAGES ON A DISPLAY SCREEN
- [54] PROCEDE ET APPAREIL DESTINES A EFFECTUER UNE TRANSITION ENTRE DES PAGES SUR UN ECRAN D'AFFICHAGE
- [72] EFRATI, TZAHU, US
- [72] MISCHARI, URI, US
- [71] VONAGE NETWORK LLC, US
- [85] 2014-11-27
- [86] 2013-05-23 (PCT/US2013/042443)
- [87] (WO2013/181065)
- [30] US (13/485,231) 2012-05-31

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- [25] EN
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- [54] AGENCEMENT DE CHAMP DE GROUPEMENTS DE PANNEAUX THERMIQUES SOLAIRES ET PANNEAU THERMIQUE SOLAIRE A VIDE ASSOCIE
- [72] PALMIERI, VITTORIO, CH
- [72] DI GIAMBERARDINO, FRANCESCO, IT
- [71] TVP SOLAR SA, CH
- [85] 2014-11-28
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- [25] EN
- [54] HIGH-THROUGHPUT EARLY DETECTION AND POINT-OF-CARE EARLY DETECTION OF PREGNANT WOMEN SUSCEPTIBLE TO DEVELOPING PREECLAMPSIA
- [54] DETECTION PRECOCE A HAUT RENDEMENT ET DETECTION PRECOCE SUR LE LIEU DE SOINS DE FEMMES ENCEINTES SUSCEPTIBLES DE DEVELOPPER UNE PREECLAMPSIE
- [72] GAROVIC, VESNA D., US
- [71] MAYO FOUNDATION FOR MEDICAL EDUCATION AND RESEARCH, US
- [85] 2014-11-28
- [86] 2013-05-31 (PCT/US2013/043727)
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- [30] US (61/654,461) 2012-06-01
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[54] **ROBOTIC PLATFORM AND METHOD FOR PERFORMING MULTIPLE FUNCTIONS IN AGRICULTURAL SYSTEMS**

[54] **PROCEDE A PLATE-FORME ROBOTIQUE POUR LA REALISATION DE PLUSIEURS FONCTIONS DANS DES SYSTEMES AGRICOLES**

[72] CAVENDER-BARES, KENT, US

[72] BARES, CHARLES C., US

[71] ROWBOT SYSTEMS LLC, US

[85] 2014-11-27

[86] 2013-05-23 (PCT/US2013/042479)

[87] (WO2013/181069)

[30] US (61/654,444) 2012-06-01

[30] US (61/723,887) 2012-11-08

[30] US (61/739,268) 2012-12-19

[30] US (13/837,786) 2013-03-15

[21] 2,875,139

[13] A1

[51] Int.Cl. C12N 9/10 (2006.01) C12P 13/12 (2006.01)

[25] EN

[54] **RECOMBINANT MICROORGANISM FOR THE FERMENTATIVE PRODUCTION OF METHIONINE**

[54] **MICROORGANISME RECOMBINE DESTINE A LA PRODUCTION FERMENTATIVE DE METHIONINE**

[72] DISCHERT, WANIDA, FR

[72] FIGGE, RAINER, FR

[71] METABOLIC EXPLORER, FR

[85] 2014-11-28

[86] 2012-06-18 (PCT/IB2012/001336)

[87] (WO2013/190343)

[21] 2,875,141

[13] A1

[51] Int.Cl. C08G 18/78 (2006.01) C08G 18/32 (2006.01) C08G 18/67 (2006.01) C09D 11/00 (2014.01) C09D 175/14 (2006.01) C09D 175/16 (2006.01)

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[54] **RADIATION-CURABLE COMPOUNDS**

[54] **COMPOSES DURCISABLES PAR RAYONNEMENT**

[72] KACZUN, JURGEN, DE

[72] SCHWALM, REINHOLD, DE

[72] TRUMBO, DAVID, US

[72] SITZMANN, EUGENE VALENTINE, US

[71] BASF SE, DE

[85] 2014-11-28

[86] 2013-05-23 (PCT/EP2013/060575)

[87] (WO2013/178523)

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[21] 2,875,142

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[25] EN

[54] **CHEST COMPRESSION BELT WITH BELT POSITION MONITORING SYSTEM**

[54] **CEINTURE DE COMPRESSION DE POITRINE AVEC SYSTEME DE SURVEILLANCE DE POSITION DE CEINTURE**

[72] FREEMAN, GARY A., US

[72] HERKEN, ULRICH R., US

[71] ZOLL MEDICAL CORPORATION, US

[85] 2014-11-28

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[87] (WO2013/181632)

[30] US (61/654,642) 2012-06-01

[30] US (13/907,621) 2013-05-31

[21] 2,875,144

[13] A1

[51] Int.Cl. A63F 9/08 (2006.01)

[25] EN

[54] **THREE-DIMENSIONAL PUZZLE OR DISPLAY PLATFORM**

[54] **PUZZLE TRIDIMENSIONNEL OU PLATEFORME D'AFFICHAGE TRIDIMENSIONNELLE**

[72] STOLTEN, MARK RANDALL, NZ

[71] STOLTEN, MARK RANDALL, NZ

[85] 2014-11-28

[86] 2012-06-03 (PCT/IB2012/052788)

[87] (WO2012/164544)

[30] NZ (593268) 2011-06-03

[21] 2,875,145

[13] A1

[51] Int.Cl. C07D 213/81 (2006.01) A61K 31/44 (2006.01) A61P 35/00 (2006.01)

[25] EN

[54] **SOLID STATE FORMS OF N-((S)-2,3-DIHYDROXY-PROPYL)-3-(2-FLUORO-4-iodo-phenylamino)-isonicotinamide**

[54] **FORMES A L'ETAT SOLIDE DE N-((S)-2,3-DIHYDROXY-PROPYL)-3-(2-FLUORO-4-iodophenylamino)isonicotinamide**

[72] BECKER, AXEL, DE

[72] SAAL, CHRISTOPH, DE

[72] KUEHN, CLEMENS, DE

[72] BANKSTON, DONALD, US

[72] POMA, MARCO, IT

[71] MERCK PATENT GMBH, DE

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[86] 2013-05-07 (PCT/EP2013/001352)

[87] (WO2013/178320)

[30] US (61/653,037) 2012-05-30

[21] 2,875,146

[13] A1

[51] Int.Cl. B81C 1/00 (2006.01) A61K 9/00 (2006.01) B81B 7/04 (2006.01)

[25] EN

[54] **BIOACTIVE AGENT DELIVERY DEVICES AND METHODS OF MAKING AND USING THE SAME**

[54] **DISPOSITIFS DE LIBERATION D'AGENT BIO-ACTIF ET PROCEDES DE FABRICATION ET D'UTILISATION DES CEUX-CI**

[72] DESAI, TEJAL A., US

[72] CHIRRA, HARIHARASUDHAN D., US

[71] THE REGENTS OF THE UNIVERSITY OF CALIFORNIA, US

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[25] EN
[54] **BATTERY FOR ELECTRIC VEHICLES**
[54] **BATTERIE POUR VEHICULES ELECTRIQUES**
[72] SIMONAZZI, GIUSEPPE, IT
[71] META SYSTEM S.P.A., IT
[85] 2014-11-28
[86] 2013-05-27 (PCT/IB2013/054371)
[87] (WO2013/179208)
[30] IT (MO2012A000147) 2012-06-01

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[25] EN
[54] **TREATMENT OF SOLID TUMORS USING COENZYME Q10**
[54] **TRAITEMENT DE TUMEURS SOLIDES AU MOYEN DE LA COENZYME Q10**
[72] NARAIN, NIVEN RAJIN, US
[72] MCCOOK, JOHN PATRICK, US
[72] SONG, PAUL Y., US
[71] BERG LLC, US
[85] 2014-11-28
[86] 2013-05-31 (PCT/US2013/043785)
[87] (WO2013/181639)
[30] US (61/654,245) 2012-06-01

[21] **2,875,151**
[13] A1
[51] **Int.Cl. B61D 17/10 (2006.01)**
[25] EN
[54] **RAIL VEHICLE COMPRISING A TROUGH-SHAPED INNER FLOOR**
[54] **VEHICULE FERROVIAIRE POURVU D'UN PLANCHER INTERIEUR EN FORME DE CUVETTE**
[72] KNOLL, WOLFGANG, DE
[72] SILBERMANN, PETRA, DE
[72] NEUMANN, BIRGIT, DE
[71] SIEMENS AKTIENGESELLSCHAFT, DE
[85] 2014-11-28
[86] 2013-05-27 (PCT/EP2013/060839)
[87] (WO2013/178573)
[30] DE (10 2012 209 176.9) 2012-05-31

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[13] A1
[51] **Int.Cl. A61M 39/16 (2006.01) A61M 39/20 (2006.01)**
[25] EN
[54] **MALE MEDICAL IMPLEMENT CLEANING DEVICE**
[54] **DISPOSITIF DE NETTOYAGE D'UN EQUIPEMENT MEDICAL COMPORTANT UNE PROTUBERANCE MALE**
[72] ROGERS, BOBBY E., US
[72] DIPERNA, PAUL, US
[72] KANG, GINO, US
[72] ARME, CHRISTINE, US
[72] DETLOFF, JOHN, US
[71] IVERA MEDICAL CORPORATION, US
[85] 2014-11-28
[86] 2013-06-04 (PCT/US2013/044167)
[87] (WO2013/184716)
[30] US (61/655,448) 2012-06-04

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[13] A1
[51] **Int.Cl. C08G 18/62 (2006.01) B05D 7/00 (2006.01) C08G 18/28 (2006.01) C08G 18/79 (2006.01) C08G 18/80 (2006.01) C08K 5/09 (2006.01) C09D 175/04 (2006.01)**
[25] EN
[54] **POLYURETHANE COATING MATERIAL COMPOSITION, MULTISTAGE COATING METHODS**
[54] **COMPOSITION D'AGENTS DE REVETEMENT A BASE DE POLYURETHANE, PROCEDES DE REVETEMENT EN PLUSIEURS ETAPES**
[72] HOFFMANN, PETER, DE
[72] GROENEWOLT, MATTHIJS, DE
[72] SCHNIER, BENEDIKT, DE
[72] WESTHOFF, ELKE, DE
[71] BASF COATINGS GMBH, DE
[85] 2014-11-28
[86] 2013-05-29 (PCT/EP2013/061084)
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[30] US (61/675,358) 2012-07-25
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[51] **Int.Cl. C08K 5/29 (2006.01)**
[25] EN
[54] **METHOD FOR STABILIZING POLYMERS CONTAINING ESTER GROUPS**
[54] **PROCEDES POUR STABILISER DES POLYMERES CONTENANT DES GROUPES ESTER**
[72] LAUFER, WILHELM, DE
[72] ECKERT, ARMIN, DE
[71] RHEIN CHEMIE RHEINAU GMBH, DE
[85] 2014-11-28
[86] 2013-03-22 (PCT/EP2013/056158)
[87] (WO2013/182330)
[30] EP (12170771.5) 2012-06-05

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[51] **Int.Cl. G06Q 30/00 (2012.01) G06Q 20/08 (2012.01) G06Q 30/02 (2012.01) H04L 12/16 (2006.01) H04L 12/58 (2006.01)**
[25] EN
[54] **UNIVERSAL RECOGNITION PLATFORM**
[54] **PLATE-FORME DE RECONNAISSANCE UNIVERSELLE**
[72] MOSCOE, JEFFREY, CA
[72] DIAB, SACHA, CA
[72] LAVINE, MARC, CA
[72] EUBANKS, MICHAEL, CA
[71] ONE INC., CA
[85] 2014-11-28
[86] 2013-05-30 (PCT/IB2013/054479)
[87] (WO2013/179259)
[30] US (61/652,964) 2012-05-30

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[13] A1
[51] **Int.Cl. G06F 19/00 (2011.01) G06F 17/00 (2006.01) G06Q 30/00 (2012.01)**
[25] EN
[54] **IMPROVED SYSTEM AND METHOD FOR ADVERTISING**
[54] **SYSTEME ET PROCEDE AMELIORES POUR ANNONCES PUBLICITAIRES**
[72] SMITH, ALLEN, AU
[72] SMITH, DAVID, AU
[71] ASTARICKS GROUP PTY LTD, AU
[85] 2014-11-28
[86] 2013-05-31 (PCT/AU2013/000576)
[87] (WO2013/177631)
[30] AU (2012902270) 2012-05-31

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[25] EN

[54] **IMMUNOGENIC COMPOUNDS COMPRISING HIV GP41 PEPTIDE COUPLED TO CRM197 CARRIER PROTEIN**

[54] **COMPOSES IMMUNOGENES COMPRENANT LE PEPTIDE GP41 DU VIH COUPLE A LA PROTEINE PORTEUSE CRM197**

[72] CROUZET, JOEL, FR

[72] HO TSONG FANG, RAPHAEL, FR

[72] DESFONTAINES, DOMINIQUE, FR

[71] INNA VIRVAX, FR

[85] 2014-11-28

[86] 2013-05-30 (PCT/IB2013/054482)

[87] (WO2013/179262)

[30] EP (12305602.0) 2012-05-31

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[13] A1

[51] Int.Cl. G09F 13/18 (2006.01) G09F 7/18 (2006.01) G09F 13/22 (2006.01)

[25] FR

[54] **ILLUMINATED DISPLAY UNIT HAVING SUSPENSION CLAMPS**

[54] **ENSEMBLE D'AFFICHAGE LUMINEUX A PINCES DE SUSPENSION**

[72] CHAMPAGNE, BENJAMIN, CN

[71] VDP, FR

[85] 2014-11-28

[86] 2013-05-30 (PCT/EP2013/061187)

[87] (WO2013/178747)

[30] FR (12 55002) 2012-05-30

[30] FR (12 54999) 2012-05-30

[30] FR (12 59627) 2012-10-09

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[13] A1

[51] Int.Cl. C07D 279/16 (2006.01) A61K 8/44 (2006.01) A61K 8/49 (2006.01) A61Q 17/04 (2006.01) C07C 229/16 (2006.01) C07D 211/84 (2006.01) C07D 241/44 (2006.01) C07D 265/36 (2006.01) C07D 309/32 (2006.01) C07D 471/04 (2006.01) C07D 491/052 (2006.01) C07D 498/04 (2006.01) C07D 513/04 (2006.01)

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[54] **IMINO COMPOUNDS AS PROTECTING AGENTS AGAINST ULTRAVIOLET RADIATIONS**

[54] **COMPOSES IMINO COMME AGENTS PROTECTEURS CONTRE RAYONNEMENTS ULTRAVIOLETS**

[72] ABOU-KHALIL, ELIE, CA

[72] RAEPPEL, STEPHANE, CA

[72] RAEPPEL, FRANCK, CA

[71] ELKIMIA, CA

[85] 2014-11-28

[86] 2013-05-31 (PCT/CA2013/000536)

[87] (WO2013/181741)

[30] US (61/655,115) 2012-06-04

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[25] EN

[54] **BLENDED RODS FOR USE IN AEROSOL-GENERATING ARTICLES**

[54] **TIGES MELANGEES DESTINEES A ETRE UTILISEES DANS DES ARTICLES DE GENERATION D'AEROSOL**

[72] METRANGOLO, ALESSANDRO, CH

[72] GINDRAT, PIERRE-YVES, CH

[72] FAULKNER, JOHN, CH

[72] SCHALLER, JEAN-PIERRE, CH

[72] SCHNEIDER, JEAN-CLAUDE, CH

[71] PHILIP MORRIS PRODUCTS S.A., CH

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[86] 2013-05-30 (PCT/EP2013/061208)

[87] (WO2013/178766)

[30] EP (12170356.5) 2012-05-31

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[13] A1

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[25] EN

[54] **INTRAOCULAR LENS INSERTER**

[54] **INSTRUMENT D'INTRODUCTION DE LENTILLE INTRAOCULAIRE**

[72] AULD, JACK R., US

[71] ALCON PHARMACEUTICALS, LTD., CH

[85] 2014-11-28

[86] 2013-06-04 (PCT/US2013/044183)

[87] (WO2013/184727)

[30] US (61/655,255) 2012-06-04

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[13] A1

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[25] EN

[54] **SYSTEMS, METHODS AND APPARATUS FOR PROVIDING MULTIMEDIA CONTENT TO HAIR AND BEAUTY CLIENTS**

[54] **SYSTEMES, PROCEDES ET APPAREIL POUR FOURNIR UN CONTENU MULTIMEDIA A DES CLIENTS DE SALON DE COIFFURE ET DE BEAUTE**

[72] CHITCHETININE, ALEXANDRE, CA

[71] CHITCHETININE, ALEXANDRE, CA

[85] 2014-11-28

[86] 2013-07-04 (PCT/CA2013/000618)

[87] (WO2014/008577)

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[25] EN
[54] **PARTICULATE FILTERING APPARATUS FOR MARINE DIESEL ENGINES AND METHOD OF OPERATION AND REGENERATION OF SAID APPARATUS**
[54] **APPAREIL DE FILTRATION DE MATIERE PARTICULAIRE POUR DES MOTEURS DIESEL MARINS ET PROCEDE DE FONCTIONNEMENT ET DE REGENERATION DUDIT APPAREIL**
[72] ARCHETTI, MAURIZIO, CH
[71] ECOSPRAY TECHNOLOGIES S.R.L., IT
[85] 2014-11-28
[86] 2013-05-31 (PCT/IB2013/054499)
[87] (WO2013/179266)
[30] IT (MI2012A000952) 2012-06-01

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[13] A1

[51] **Int.Cl. F25B 9/04 (2006.01) F01D 1/34 (2006.01) F01D 25/00 (2006.01)**
[25] EN
[54] **MECHANISM FOR ENHANCED ENERGY EXTRACTION AND COOLING OF PRESSURIZED GAS**
[54] **MECANISME POUR EXTRACTION D'ENERGIE AMELIOREE ET GAZ DE REFROIDISSEMENT COMPRI ME**
[72] POLIHRONOV, JELIAZKO, CA
[72] STRAATMAN, ANTHONY G., CA
[71] THE UNIVERSITY OF WESTERN ONTARIO, CA
[85] 2014-11-28
[86] 2013-05-28 (PCT/CA2013/050411)
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[30] US (61/652,275) 2012-05-28

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[25] EN
[54] **FUNGAL RESISTANT PLANTS EXPRESSING HCP4**
[54] **PLANTES EXPRIMANT HCP4 RESISTANT AUX PATHOGENES FONGIQUES**
[72] SCHULTHEIS, HOLGER, DE
[72] FLACHMANN, RALF, DE
[71] BASF PLANT SCIENCE COMPANY GMBH, DE
[85] 2014-11-28
[86] 2013-08-01 (PCT/IB2013/056316)
[87] (WO2014/041444)
[30] US (61/681155) 2012-08-09
[30] EP (12179842.5) 2012-08-09

[21] **2,875,177**
[13] A1

[51] **Int.Cl. B60N 2/26 (2006.01) B60N 2/48 (2006.01)**
[25] EN
[54] **A BABY CAR SEAT**
[54] **SIEGE D'AUTO POUR ENFANT**
[72] LONG, LIYUN, CN
[72] WANG, BANGZHOU, CN
[72] ZHANG, YOUCAI, CN
[71] GOODBABY CHILD PRODUCTS CO., LTD, CN
[85] 2014-11-28
[86] 2013-05-28 (PCT/CN2013/076297)
[87] (WO2013/178046)
[30] CN (201220253787.9) 2012-05-31

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[13] A1

[51] **Int.Cl. H02J 7/02 (2006.01) H02J 17/00 (2006.01)**
[25] EN
[54] **WIRELESS CHARGING DEVICE**
[54] **DISPOSITIF DE CHARGE SANS FIL**
[72] GOLAN, ODED, IL
[72] MANOVA-ELSSIBONY, ASAF, IL
[71] HUMAVOX LTD., IL
[85] 2014-11-28
[86] 2013-05-29 (PCT/IL2013/050456)
[87] (WO2013/179284)
[30] US (61/652,337) 2012-05-29
[30] US (61/736,570) 2012-12-13
[30] US (61/736,582) 2012-12-13

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[51] **Int.Cl. H05K 5/00 (2006.01) E05B 81/54 (2014.01) E05B 17/22 (2006.01)**
[25] EN
[54] **MOTOR VEHICLE COMPONENT SUPPORT AND METHOD FOR THE PRODUCTION THEREOF**
[54] **SUPPORT POUR COMPOSANT DE VEHICULE A MOTEUR ET PROCEDE DE FABRICATION DUDIT SUPPORT**
[72] BARMSCHIEDT, CHRISTIAN, DE
[72] FUCHS, CARSTEN, DE
[71] KUEKERT AKTIENGESELLSCHAFT, DE
[85] 2014-11-28
[86] 2013-05-25 (PCT/DE2013/000290)
[87] (WO2013/178212)
[30] DE (10 2012 010 722.6) 2012-05-30

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[25] EN
[54] **ELECTRICALLY OPERATED AEROSOL GENERATING SYSTEM**
[54] **SYSTEME DE GENERATION D'AEROSOL ACTIONNE ELECTRIQUEMENT**
[72] METRANGOLO, ALESSANDRO, CH
[72] GINDRAT, PIERRE-YVES, CH
[72] FAULKNER, JOHN, CH
[72] SCHALLER, JEAN-PIERRE, CH
[72] SCHNEIDER, JEAN-CLAUDE, CH
[71] PHILIP MORRIS PRODUCTS S.A., CH
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[86] 2013-05-30 (PCT/EP2013/061211)
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[30] EP (12170360.7) 2012-05-31

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[51] Int.Cl. C10J 3/04 (2006.01) F23G 5/027 (2006.01) F23G 5/38 (2006.01)
[25] EN
[54] **ADVANCED SEQUENTIAL BATCH GASIFICATION PROCESS**
[54] **PROCEDE DE GAZEIFICATION DISCONTINUE SEQUENTIELLE AVANCEE**
[72] EINARSSON, FRIDFINNUR, GB
[71] WTE WASTE TO ENERGY CANADA, INC, CA
[85] 2014-11-28
[86] 2013-05-31 (PCT/IS2013/050005)
[87] (WO2013/179313)
[30] IS (9000) 2012-05-31

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[51] Int.Cl. A24B 3/14 (2006.01) A24C 5/18 (2006.01) A24F 47/00 (2006.01)
[25] EN
[54] **THERMALLY CONDUCTING RODS FOR USE IN AEROSOL-GENERATING ARTICLES**
[54] **TIGES A CONDUCTION THERMIQUE DESTINEES A ETRE UTILISEES DANS DES ARTICLES DE GENERATION D'AEROSOL**
[72] METRANGOLO, ALESSANDRO, CH
[72] GINDRAT, PIERRE-YVES, CH
[72] FAULKNER, JOHN, CH
[71] PHILIP MORRIS PRODUCTS S.A., CH
[85] 2014-11-28
[86] 2013-05-30 (PCT/EP2013/061210)
[87] (WO2013/178768)
[30] EP (12170359.9) 2012-05-31

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[51] Int.Cl. A24C 5/18 (2006.01) A24B 3/14 (2006.01) A24D 1/00 (2006.01) A24F 47/00 (2006.01)
[25] EN
[54] **FLAVOURED RODS FOR USE IN AEROSOL-GENERATING ARTICLES**
[54] **TIGES AROMATISEES DESTINEES A ETRE UTILISEES DANS DES ARTICLES DE GENERATION D'AEROSOL**
[72] METRANGOLO, ALESSANDRO, CH
[72] GINDRAT, PIERRE-YVES, CH
[72] FAULKNER, JOHN, CH
[72] SCHALLER, JEAN-PIERRE, CH
[72] SCHNEIDER, JEAN-CLAUDE, CH
[71] PHILIP MORRIS PRODUCTS S.A., CH
[85] 2014-11-28
[86] 2013-05-30 (PCT/EP2013/061209)
[87] (WO2013/178767)
[30] EP (12170358.1) 2012-05-31

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[13] A1
[51] Int.Cl. B01D 21/01 (2006.01) C02F 1/56 (2006.01) C02F 11/14 (2006.01) C08F 8/12 (2006.01) C08L 39/02 (2006.01) C08L 71/02 (2006.01) D21H 21/10 (2006.01) D21H 21/18 (2006.01)
[25] EN
[54] **FLOCCULATION TREATMENT AGENT**
[54] **AGENT DE TRAITEMENT PAR FLOCCULATION**
[72] MITSUI, SHOHEI, JP
[72] TAKEO, KAZUOKI, JP
[72] WAKATSUKI, SHOGO, JP
[72] YONEKURA, ATSUSHI, JP
[71] HYMO CORPORATION, JP
[85] 2014-11-28
[86] 2012-12-13 (PCT/JP2012/082280)
[87] (WO2013/183184)
[30] JP (2012-128818) 2012-06-06

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[13] A1
[51] Int.Cl. A61K 31/138 (2006.01) A61P 35/00 (2006.01)
[25] EN
[54] **GENOTYPE- OR PHENOTYPE-BASED DRUG FORMULATION COMPOSITIONS**
[54] **MEDICAMENTEUSES BASEES SUR UN GENOTYPE OU UN PHENOTYPE**
[72] WILLMANN, STEFAN, DE
[72] EISING, THOMAS, DE
[72] DICKSCHEN, KRISTIN, DE
[71] BAYER TECHNOLOGY SERVICES GMBH, DE
[85] 2014-11-28
[86] 2013-05-27 (PCT/EP2013/060824)
[87] (WO2013/178565)
[30] EP (12170401.9) 2012-06-01

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[13] A1
[51] Int.Cl. F16L 27/06 (2006.01) F01N 13/08 (2010.01)
[25] EN
[54] **SPHERICAL EXHAUST PIPE JOINT**
[54] **JOINT DE TUYAU D'ECHAPPEMENT SPHERIQUE**
[72] ARIGAYA, HIDETO, JP
[72] KAIDA, HIDETOSHI, JP
[72] SUEMATSU, TSUYOSHI, JP
[71] OILES CORPORATION, JP
[85] 2014-11-28
[86] 2013-05-20 (PCT/JP2013/003210)
[87] (WO2014/006811)
[30] JP (2012-148954) 2012-07-02

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[13] A1
[51] Int.Cl. H05B 37/02 (2006.01)
[25] EN
[54] **LIGHTING SYSTEM WITH ILLUMINANCE CONTROL**
[54] **SYSTEME D'ECLAIRAGE A REGULATION D'ECLAIREMENT**
[72] PEDERSEN, HENRIK CHRESTEN, DK
[72] LARSEN, HENNING ENGELBRECHT, DK
[71] DANMARKS TEKNISKE UNIVERSITET, DK
[85] 2014-11-28
[86] 2013-05-31 (PCT/EP2013/061266)
[87] (WO2013/186067)
[30] EP (12171582.5) 2012-06-12
[30] US (61/658,511) 2012-06-12

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[13] A1

[51] **Int.Cl. A61K 9/00 (2006.01) A61M 5/28 (2006.01) A61M 5/31 (2006.01) A61M 5/315 (2006.01)**

[25] EN
[54] **SYRINGE**
[54] **SERINGUE**
[72] BRYANT, ANDREW, CH
[72] BUETTGEN, HEINRICH, CH
[72] PAPST, WOLFGANG, CH
[72] PICCI, MARIE, CH
[71] NOVARTIS AG, CH
[85] 2014-11-28
[86] 2013-05-30 (PCT/EP2013/061215)
[87] (WO2013/178771)
[30] EP (12170628.7) 2012-06-01

[21] **2,875,194**
[13] A1

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[25] EN
[54] **NON-INVASIVE DEVICE FOR TREATING BODY TISSUE**
[54] **DISPOSITIF NON INVASIF UTILISE POUR TRAITER LES TISSUS CORPORELS**
[72] LEVI, BENZION, IL
[72] MIZRAHY, MOSHE, IL
[71] HOME SKINOVATIONS LTD., IL
[85] 2014-11-28
[86] 2013-06-06 (PCT/US2013/044428)
[87] (WO2013/184869)
[30] US (13/491,616) 2012-06-08

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[13] A1

[51] **Int.Cl. E21B 10/26 (2006.01) E21B 4/02 (2006.01) E21B 10/38 (2006.01)**

[25] EN
[54] **DRILL BIT WITH HYDRAULICALLY ADJUSTABLE AXIAL PAD FOR CONTROLLING TORSIONAL FLUCTUATIONS**
[54] **TREPAN COMPORTANT UN TAMPON AXIAL A REGLAGE HYDRAULIQUE POUR COMMANDER LES FLUCTUATIONS DE TORSION**
[72] SCHWEFE, THORSTEN, GB
[72] BEUERHAUSEN, CHAD J., US
[71] BAKER HUGHES INCORPORATED, US
[85] 2014-11-28
[86] 2013-06-06 (PCT/US2013/044487)
[87] (WO2013/188206)
[30] US (13/489,563) 2012-06-06

[21] **2,875,198**
[13] A1

[51] **Int.Cl. A61K 31/10 (2006.01) A61K 9/20 (2006.01) A61K 9/48 (2006.01) A61K 31/095 (2006.01) A61P 25/00 (2006.01) A61P 29/00 (2006.01)**

[25] EN
[54] **COMPOUNDS FOR TREATING INFLAMMATION AND PAIN**
[54] **COMPOSES POUR LE TRAITEMENT DE L'INFLAMMATION ET DE LA DOULEUR**
[72] ST. LAURENT, JOSEPH P., US
[72] JONES, GERALD S., US
[72] BRESSE, DAVID M., US
[71] OLATEC INDUSTRIES LLC, US
[85] 2014-11-28
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[87] (WO2013/188214)
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[54] **FIBROSIS SUPPRESSION BY INHIBITING INTEGRIN ALPHA8BETA1 FUNCTION**
[54] **SUPPRESSION DE FIBROSE PAR L'INHIBITION DE LA FONCTION DE L'INTEGRINE A8S1**
[72] YOKOSAKI, YASUYUKI, JP
[72] NISHIMICHI, NORIHISA, JP
[71] HIROSHIMA UNIVERSITY, JP
[85] 2014-11-28
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[87] (WO2013/147076)
[30] JP (2012-075147) 2012-03-28

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[54] **MULTI-PARAMETER DIABETES RISK EVALUATIONS**
[54] **EVALUATIONS A PLUSIEURS PARAMETRES DES RISQUES DE DIABETE**
[72] OTVOS, JAMES D., US
[72] SHALAUROVA, IRINA Y., US
[72] BENNETT, DENNIS W., US
[72] WOLAK-DINSMORE, JUSTYNA E., US
[72] O'CONNELL, THOMAS M., US
[72] MERCIER, KELLY, US
[71] LIPOSCIENCE, INC., US
[85] 2014-11-28
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[87] (WO2013/185014)
[30] US (61/657,315) 2012-06-08
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[54] **METHODS AND NODES FOR IMPROVED ESTIMATION OF AVAILABLE PATH CAPACITY OF A DATA TRANSFER PATH**
[54] **PROCEDES ET NŒUDS POUR UNE ESTIMATION AMELIOREE DE LA CAPACITE DE CHEMIN DISPONIBLE D'UN CHEMIN DE TRANSFERT DE DONNEES**
[72] FLINTA, CHRISTOFER, SE
[72] JOHINSSON, ANDREAS, SE
[71] TELEFONAKTIEBOLAGET L M ERICSSON (PUBL), SE
[85] 2014-11-28
[86] 2012-11-13 (PCT/SE2012/051237)
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[30] US (61/652,733) 2012-05-29

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[51] Int.Cl. B01D 17/04 (2006.01) B01D 17/06 (2006.01)
[25] EN
[54] **HIGH VELOCITY ELECTROSTATIC COALESCING OIL/WATER SEPARATOR**
[54] **SEPARATEUR D'HUILE/EAU A COALESCENCE ELECTROSTATIQUE A HAUTE VITESSE**
[72] SAMS, GARY W., US
[72] WALLACE, HARRY G., US
[72] TAGGART, DAVIS L., US
[72] MANEN, DAVID R., US
[72] TREVAS, DAVID A., US
[71] CAMERON INTERNATIONAL CORPORATION, US
[85] 2014-11-28
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[30] US (13/491,890) 2012-06-08

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[13] A1
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[25] EN
[54] **JEWELRY MANDREL PLIERS AND METHOD OF USING SAME**
[54] **PINCE A BECS POUR BIJOUTERIE ET PROCEDE POUR SON UTILISATION**
[72] BULLARD, PATRICIA, US
[71] WUBBERS, LLC, US
[85] 2014-11-28
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[87] (WO2012/170927)
[30] US (61/494,705) 2011-06-08
[30] US (13/491,755) 2012-06-08

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[51] Int.Cl. A61K 39/395 (2006.01) A61P 25/28 (2006.01) C07K 16/18 (2006.01) C12N 15/02 (2006.01) C12P 21/08 (2006.01) C07K 16/46 (2006.01)
[25] EN
[54] **THERAPEUTIC AGENT OR PROPHYLACTIC AGENT FOR DEMENTIA**
[54] **AGENT THERAPEUTIQUE OU AGENT PROPHYLACTIQUE POUR LA DEMENCE**
[72] MORI, HIROSHI, JP
[72] TOMIYAMA, TAKAMI, JP
[72] MATSUMOTO, YOICHI, JP
[72] EGUCHI, HIROSHI, JP
[72] KUNORI, YUICHI, JP
[71] OSAKA CITY UNIVERSITY, JP
[71] TEIJIN PHARMA LIMITED, JP
[85] 2014-11-28
[86] 2013-05-30 (PCT/JP2013/065090)
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[30] JP (2012-124336) 2012-05-31

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[51] Int.Cl. A61K 9/10 (2006.01) A61K 9/51 (2006.01) A61K 33/00 (2006.01)
[25] EN
[54] **NANOCERIA FOR THE TREATMENT OF OXIDATIVE STRESS**
[54] **NANOPARTICULES D'OXYDE DE CERIUM POUR LE TRAITEMENT DU STRESS OXYDATIF**
[72] REED, KENNETH JOSEPH, US
[72] COSTANZO, WENDI ANN, US
[72] ERLICHMAN, JOSEPH SAMUEL, US
[72] BELL, ERIC LESLIE, US
[71] CERION ENTERPRISES LLC, US
[85] 2014-11-28
[86] 2013-03-15 (PCT/US2013/032318)
[87] (WO2013/187980)
[30] US (61/689,806) 2012-06-13
[30] US (61/690,100) 2012-06-18
[30] US (61/795,241) 2012-10-12
[30] US (61/796,639) 2012-11-16

[21] **2,875,207**
[13] A1
[51] Int.Cl. H02M 3/335 (2006.01)
[25] EN
[54] **SYSTEMS AND METHODS FOR PROTECTING A SWITCH MODE POWER SUPPLY**
[54] **SYSTEMES ET PROCEDES PERMETTANT DE PROTEGER UNE SOURCE D'ALIMENTATION A MODE DE COMMUTATION**
[72] RICE, RAYMOND W., US
[71] SCHWEITZER ENGINEERING LABORATORIES, INC., US
[85] 2014-11-28
[86] 2013-06-07 (PCT/US2013/044763)
[87] (WO2013/188236)
[30] US (13/493,291) 2012-06-11

[21] **2,875,208**
[13] A1
[51] Int.Cl. A61K 47/28 (2006.01) A61K 9/107 (2006.01) A61K 9/127 (2006.01) A61K 38/00 (2006.01) A61K 47/14 (2006.01) A61K 47/22 (2006.01) A61K 47/24 (2006.01) C07K 17/02 (2006.01)
[25] EN
[54] **PH-SENSITIVE CARRIER AND PREPARATION METHOD THEREOF, AND PH SENSITIVE DRUG AND PH SENSITIVE DRUG COMPOSITION EACH CONTAINING THE CARRIER, AND CULTURE METHOD USING THE SAME**
[54] **SUPPORT SENSIBLE AU PH ET PROCEDE POUR LE PRODUIRE, MEDICAMENT SENSIBLE AU PH ET COMPOSITION PHARMACEUTIQUE SENSIBLE AU PH CONTENANT CHACUN LEDIT SUPPORT, ET PROCEDE DE CULTURE EMPLOYANT LEDIT MEDICAMENT SENSIBLE AU PH OU LADITE COMPOSITION PHARMACEUTIQUE SENSIBLE AU PH**
[72] SAKAGUCHI, NAOKI, JP
[71] TERUMO KABUSHIKI KAISHA, JP
[85] 2014-11-28
[86] 2013-05-24 (PCT/JP2013/065126)
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[30] JP (2012-124796) 2012-05-31

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[13] A1
- [51] **Int.Cl. B32B 21/08 (2006.01) B32B 23/04 (2006.01) C08L 97/02 (2006.01)**
- [25] EN
- [54] **MULTILAYERED LIGHTWEIGHT WOODBASE MATERIALS COMPOSED OF LIGNOCELLULOSIC MATERIALS HAVING A CORE AND TWO OUTER LAYERS WITH TREATED PULP, TREATED NATURAL FIBERS, SYNTHETIC FIBERS OR MIXTURES THEREOF IN THE CORE**
- [54] **DERIVES DU BOIS MULTICOUCHEES LEGERES A BASE DE MATERIAUX CONTENANT DE LA LIGNOCELLULOSE COMPRENANT UN C-UR ET DEUX COUCHES DE RECOUVREMENT, CONTENANT DE LA CELLULOSE TRAITEE, DES FIBRES NATURELLES TRAITEES, DES FIBRES SYNTHETIQUES OU DES MELANGES DE CELLES-CI DANS LE C-UR**
- [72] SCHADE, MATTHIAS, DE
- [72] WEINKOTZ, STEPHAN, DE
- [72] SCHERR, GUNTER, DE
- [71] BASF SE, DE
- [85] 2014-11-28
- [86] 2013-06-25 (PCT/EP2013/063197)
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- [30] EP (12174637.4) 2012-07-02

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- [51] **Int.Cl. G06F 17/00 (2006.01) G06F 15/16 (2006.01)**
- [25] EN
- [54] **METHODS AND APPARATUS TO SHARE ONLINE MEDIA IMPRESSIONS DATA**
- [54] **PROCEDES ET APPAREIL POUR PARTAGER DES DONNEES D'IMPRESSION MULTIMEDIA EN LIGNE**
- [72] SETH, AMIT, US
- [72] SHIVAMPET, BRAHMANAND REDDY, US
- [71] THE NIELSEN COMPANY (US), LLC, US
- [85] 2014-11-28
- [86] 2013-06-11 (PCT/US2013/045211)
- [87] (WO2013/188429)
- [30] US (61/658,233) 2012-06-11
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[13] A1
- [51] **Int.Cl. C12N 5/00 (2006.01) A61K 33/06 (2006.01)**
- [25] EN
- [54] **COMPOSITIONS COMPRISING CHALCOGENIDES AND RELATED METHODS**
- [54] **COMPOSITIONS COMPRENANT DES CHALCOGENURES ET PROCEDES ASSOCIES**
- [72] ROTH, MARK B., US
- [72] MORRISON, MICHAEL L., US
- [72] IWATA, AKIKO, US
- [71] FRED HUTCHINSON CANCER RESEARCH CENTER, US
- [85] 2014-11-28
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- [30] US (61/659,311) 2012-06-13
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[13] A1
- [51] **Int.Cl. B66C 19/00 (2006.01) B65G 67/60 (2006.01)**
- [25] EN
- [54] **SYSTEM FOR LOADING AND UNLOADING IN PORT OPERATIONS, COMPRISING OF A CRANE; AND A BASE LOCATED IN THE BODY OF THE CRANE THAT HOLDS AND STOCKS THE HATCH COVERS**
- [54] **SYSTEME DE CHARGEMENT ET DE DECHARGEMENT LORS D'OPERATIONS PORTUAIRES, COMPRENANT UNE GRUE ET UNE BASE SITUEE DANS LE CORPS DE LA GRUE QUI SOUTIENT ET EMPILE LES CAPOTS DE TRAPPE**
- [72] BOBENRIETH GIGLIO, GUILLERMO, CL
- [71] BOBENRIETH GIGLIO, GUILLERMO, CL
- [85] 2014-12-12
- [86] 2013-05-02 (PCT/CL2013/000027)
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- [30] CL (201201183) 2012-05-04

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- [51] **Int.Cl. G01R 31/40 (2014.01) G01R 31/02 (2006.01) H01L 31/05 (2014.01)**
- [25] EN
- [54] **METHOD AND APPARATUS FOR DETECTING DISCONTINUITIES IN A SOLAR ARRAY**
- [54] **PROCEDE ET APPAREIL DE DETECTION DE DISCONTINUITES DANS UN PANNEAU SOLAIRE**
- [72] WIRSING, DOUGLAS J., US
- [72] LESNIAK, MICHAEL J., US
- [72] HORWATH, JOHN T., US
- [71] DOW GLOBAL TECHNOLOGIES LLC, US
- [85] 2014-11-28
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- [87] (WO2013/187998)
- [30] US (61/658,649) 2012-06-12

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- [25] EN
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- [54] PROCEDES ET APPAREIL POUR SURVEILLER DES PRESENTATIONS MULTIMEDIAS
- [72] BOSWORTH, ALAN N., US
- [72] BORAWSKI, ALBERT T., US
- [72] COOPER, SCOTT, US
- [72] GAYNOR, KEVIN K., US
- [71] THE NIELSEN COMPANY (US), LLC, US
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- [87] (WO2014/160332)
- [30] US (13/828,971) 2013-03-14

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- [25] FR
- [54] METHOD FOR SELECTING NODES ACTING AS MULTIPOINT RELAYS
- [54] PROCEDE DE SELECTION DE NOEUDS SERVANT DE RELAIS MULTIPOINTS
- [72] CHIODINI, ALAIN, FR
- [71] SAGEM DEFENSE SECURITE, FR
- [85] 2014-11-26
- [86] 2013-05-29 (PCT/EP2013/061025)
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- [51] Int.Cl. D21H 27/00 (2006.01) D21H 27/02 (2006.01)
- [25] EN
- [54] FIBROUS STRUCTURES AND METHODS FOR MAKING SAME
- [54] STRUCTURES FIBREUSES ET LEURS PROCEDES DE FABRICATION
- [72] MOHAMMADI, KHOSROW PARVIZ, US
- [72] MANIFOLD, JOHN ALLEN, US
- [72] HAAS, JAMES EDMOND, US
- [71] THE PROCTER & GAMBLE COMPANY, US
- [85] 2014-11-28
- [86] 2013-05-30 (PCT/US2013/043199)
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- [30] US (61/654,373) 2012-06-01

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- [25] EN
- [54] WIRELESS COMMUNICATION METHOD, BASE STATION AND TERMINAL THEREOF
- [54] PROCEDE DE COMMUNICATION SANS FIL, STATION DE BASE ET TERMINAL ASSOCIE
- [72] CHEN, XIAOBO, CN
- [72] LI, YANG, CN
- [72] WAN, LEI, CN
- [71] HUAWEI TECHNOLOGIES CO., LTD., CN
- [85] 2014-11-28
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- [87] (WO2013/178085)
- [30] CN (201210178970.1) 2012-06-01

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- [51] Int.Cl. B60L 11/18 (2006.01)
- [25] EN
- [54] BATTERY MODULE CONFIGURATION STRUCTURE FOR ARTICULATED ELECTRIC BUS
- [54] STRUCTURE DE CONFIGURATION DE MODULE DE BATTERIE POUR BUS ELECTRIQUE ARTICULE
- [72] LI, HSUNSHENG, CN
- [72] YU, NENGHAN, CN
- [72] WEN, CHUNGWEI, CN
- [72] SHU, CHINGAN, CN
- [71] ALEES ECO ARK CO. LTD., CN
- [85] 2014-11-28
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- [25] EN
- [54] MICROSTRUCTURE-BASED WOUND CLOSURE DEVICES
- [54] DISPOSITIFS DE FERMETURE DE PLAIE, BASES SUR UNE MICROSTRUCTURE
- [72] ROLANDI, MARCO, US
- [72] RUVOLO, VITTORIO, IT
- [72] BERENSON, RONALD J., US
- [72] RUEBEL, CHASE, US
- [72] JIN, JUNGHO, US
- [71] UNIVERSITY OF WASHINGTON THROUGH ITS CENTER FOR COMMERCIALIZATION, US
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- [87] (WO2013/188884)
- [30] US (61/660,561) 2012-06-15
- [30] US (61/710,246) 2012-10-05

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- [51] Int.Cl. A61K 9/00 (2006.01)
- [25] FR
- [54] PALATABLE ORAL VETERINARY COMPOSITIONS
- [54] COMPOSITIONS VETERINAIRES ORALES APPETENTES
- [72] GUIMBERTEAU, FLORENCE, FR
- [72] PEYROT, LAURENCE, FR
- [71] CEVA SANTE ANIMALE, FR
- [85] 2014-11-26
- [86] 2013-06-01 (PCT/EP2013/061332)
- [87] (WO2013/178817)
- [30] FR (1255122) 2012-06-01

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[54] **MOUTH RINSE EMULSIONS**

[54] **EMULSIONS DE BAIN DE BOUCHE**

[72] SCOTT, DOUGLAS CRAIG, US

[72] RAMJI, NIRANJAN, US

[72] TEPPER, BRUCE ERNEST, US

[71] THE PROCTER & GAMBLE COMPANY, US

[85] 2014-11-28

[86] 2013-06-20 (PCT/US2013/046731)

[87] (WO2013/192382)

[30] US (13/529,064) 2012-06-21

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[13] A1

[51] **Int.Cl. H04B 14/02 (2006.01)**

[25] EN

[54] **AUDIO DATA TRANSMISSION METHOD**

[54] **PROCEDE POUR LA TRANSMISSION DE DONNEES AUDIO**

[72] LI, DONGSHENG, CN

[71] TENDYRON CORPORATION, CN

[85] 2014-11-28

[86] 2013-06-17 (PCT/CN2013/077298)

[87] (WO2013/185640)

[30] CN (201210204081.8) 2012-06-16

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[13] A1

[51] **Int.Cl. B29C 33/08 (2006.01) B22D 17/22 (2006.01) B29C 33/06 (2006.01) B29C 45/73 (2006.01)**

[25] FR

[54] **METHOD AND DEVICE FOR PREHEATING A MOLD PARTICULARLY INTENDED FOR INJECTION MOLDING**

[54] **PROCEDE ET DISPOSITIF POUR LE PRECHAUFFAGE D'UN MOULE NOTAMMENT DE MOULAGE PAR INJECTION**

[72] FEIGENBLUM, JOSE, FR

[72] GUICHARD, ALEXANDRE, FR

[71] ROCTOOL, FR

[85] 2014-11-25

[86] 2013-06-18 (PCT/EP2013/062570)

[87] (WO2013/189907)

[30] FR (1255698) 2012-06-18

[30] FR (1350684) 2013-01-26

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[51] **Int.Cl. C07K 14/705 (2006.01) C07K 16/30 (2006.01)**

[25] EN

[54] **P2X7 RECEPTOR ANTAGONISTS AND AGONISTS**

[54] **ANTAGONISTES ET AGONISTES DU RECEPTEUR P2X7**

[72] WELBECK, OWUSU DANQUAH, DE

[72] NOLTE, FRIEDRICH, DE

[72] STORTELERS, CATELLJNE, BE

[72] TOON, LAEREMANS, BE

[71] ABLYNX N.V., BE

[85] 2014-11-28

[86] 2013-05-31 (PCT/EP2013/061257)

[87] (WO2013/178783)

[30] US (61/654,417) 2012-06-01

[21] **2,875,235**

[13] A1

[51] **Int.Cl. H05B 6/42 (2006.01) B29C 45/72 (2006.01)**

[25] FR

[54] **QUICK HEATING AND COOLING MOULD**

[54] **MOULE A CHAUFFAGE ET REFROIDISSEMENT RAPIDES**

[72] GUICHARD, ALEXANDRE, FR

[72] FEIGENBLUM, JOSE, FR

[71] ROCTOOL, FR

[85] 2014-11-25

[86] 2013-06-19 (PCT/EP2013/062817)

[87] (WO2013/190020)

[30] FR (1255756) 2012-06-19

[21] **2,875,236**

[13] A1

[51] **Int.Cl. C12N 15/82 (2006.01) A01H 1/00 (2006.01) A01H 5/00 (2006.01) C07H 21/02 (2006.01) C07H 21/04 (2006.01) C07K 14/415 (2006.01) C12N 5/04 (2006.01) C12N 5/14 (2006.01) C12N 9/14 (2006.01) C12N 15/29 (2006.01) C12N 15/63 (2006.01)**

[25] EN

[54] **COMPOSITIONS AND METHODS FOR MEDIATING PLANT STOMATAL DEVELOPMENT IN RESPONSE TO CARBON DIOXIDE AND APPLICATIONS FOR ENGINEERING DROUGHT TOLERANCE IN PLANTS**

[54] **COMPOSITIONS ET PROCEDES POUR MEDIER LE DEVELOPPEMENT DES STOMATES CHEZ LES PLANTES EN REPOSE AU DIOXYDE DE CARBONE ET APPLICATIONS DE MANIPULATION DE LA TOLERANCE A LA SECHERESSE CHEZ LES PLANTES**

[72] SCHROEDER, JULIAN I., US

[72] ENGINEER, CAWAS, US

[71] THE REGENTS OF THE UNIVERSITY OF CALIFORNIA, US

[85] 2014-11-28

[86] 2013-06-21 (PCT/US2013/047102)

[87] (WO2013/192545)

[30] US (61/663,071) 2012-06-22

[21] **2,875,239**

[13] A1

[51] **Int.Cl. B29C 67/00 (2006.01)**

[25] EN

[54] **MICROEMULSIONS AND USES THEREOF AS NANOREACTORS OR DELIVERY VEHICLES**

[54] **MICROEMULSIONS ET LEURS UTILISATIONS EN TANT QUE NANOREACTEURS OU VECTEURS D'ADMINISTRATION**

[72] BASEETH, SHIREEN, US

[72] JADHAV, SWAPNIL, US

[71] ARCHER-DANIELS-MIDLAND COMPANY, US

[85] 2014-11-28

[86] 2013-06-28 (PCT/US2013/048588)

[87] (WO2014/005029)

[30] US (61/666,378) 2012-06-29

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[13] A1
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[25] EN
[54] **METHOD AND DEVICE FOR CONNECTING METAL STRIPS**
[54] **PROCEDE ET DISPOSITIF POUR RELIER DES BANDES DE METAL**
[72] NOE, ANDREAS, DE
[72] AMBAUM, FRIEDHELM, DE
[71] BWG BERGWERK-UND WALZWERK-MASCHINENBAU GMBH, DE
[85] 2014-11-28
[86] 2013-08-22 (PCT/EP2013/067430)
[87] (WO2014/033037)
[30] DE (102012108161.1) 2012-09-03

[21] **2,875,252**
[13] A1
[51] **Int.Cl. G03B 35/02 (2006.01)**
[25] EN
[54] **APPARATUS AND CAMERA FOR FILMING THREE-DIMENSIONAL VIDEO**
[54] **APPAREIL ET CAMERA POUR FILMER DE LA VIDEO EN 3D**
[72] KIM, SEONG-DO, KR
[71] KIM, SEONG-DO, KR
[85] 2014-11-28
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[54] **SYSTEMS, METHODS, APPARATUS AND USER INTERFACES FOR GAMING AND WAGERING**
[54] **SYSTEMES, PROCEDES, APPAREILS ET INTERFACES UTILISATEUR POUR LES JEUX ET LES PARIS**
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[72] MCDOWELL, GEOFFREY, AU
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[72] NAYLOR, MATTHEW, GB
[72] AJAY, KEMAL, AU
[72] SINGH, RAJIV, AU
[71] XTRALIS TECHNOLOGIES LTD, BS
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[54] **APPARATUS AND METHOD FOR A BIOPTIC REAL TIME VIDEO SYSTEM**
[54] **APPAREIL ET PROCEDE DESTINES A UN SYSTEME DE VIDEO EN TEMPS REEL BI-OPTIQUE**
[72] HILKES, ROBERT G., CA
[71] ESIGHT CORP., CA
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[54] **METHOD AND SYSTEM FOR MAGNETIC SEMICONDUCTOR SOLID STATE COOLING**
[54] **PROCEDE ET SYSTEME DE REFROIDISSEMENT MAGNETIQUE A SEMI-CONDUCTEURS**
[72] GERVAIS, GUILLAUME, CA
[72] SZKOPEK, THOMAS, CA
[72] GUILLEMETTE, JONATHAN, CA
[71] THE ROYAL INSTITUTION FOR THE ADVANCEMENT OF LEARNING/MCGILL UNIVERSITY, CA
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[54] **ELEMENT DE VERROUILLAGE PIVOTANT POUR UN MONTANT DE SUPPORT DE CLOTURE**
[72] MELIC, JONATHAN J., CA
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[54] **SYSTEME ET PROCEDE DE CONTROLE VISUEL A DISTANCE**

[72] LAMBERT, GUILLAUME, CA

[72] ARBELECHE, MATIAS, CA

[72] DEMERS, JEAN-CHRISTOPHE, CA

[72] LAMBERT, GUILLAUME, CA

[71] COLLINEO INC., CA

[71] CARTIER ENERGIE EOLIENNE (INC) INC., CA

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[54] **SCALABLE DEVICE AND ARRANGEMENT FOR STORING AND RELEASING ENERGY**

[54] **DISPOSITIF ET AGENCEMENT ADAPTABLE POUR STOCKER ET FOURNIR DE L'ENERGIE**

[72] BOFFO, CRISTIAN, DE

[72] STEINMANN, JOCHEN, DE

[72] WALTER, WOLFGANG, DE

[72] REVILAK, PHILIPP, DE

[72] AMEND, JOHANNES, DE

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[71] BABCOCK NOELL GMBH, DE

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[54] **METHOD FOR LEVELING DELIVERY COUNTS**

[54] **PROCEDE DE MISE A NIVEAU DE VOLUMES DE LIVRAISONS**

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[72] DEKAMO, SHINGO, JP

[71] NIPPON GAS CO., LTD., JP

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[54] **ELECTROCHEMICAL REDUCTION DEVICE AND METHOD FOR MANUFACTURING HYDRIDE OF AROMATIC HYDROCARBON COMPOUND OR NITROGEN-CONTAINING HETEROCYCLIC AROMATIC COMPOUND**

[54] **DISPOSITIF DE REDUCTION ELECTROCHIMIQUE ET PROCEDE DE GENERATION DE PRODUIT HYDROGENE DE COMPOSE HYDROCARBONE AROMATIQUE OU DE COMPOSE AROMATIQUE HETEROCYCLIQUE AZOTE**

[72] SATO, YASUSHI, JP

[72] MIYOSHI, KOTA, JP

[72] NAKAGAWA, KOJIRO, JP

[72] KOBORI, YOSHIHIRO, JP

[71] JX NIPPON OIL & ENERGY CORPORATION, JP

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[54] **PREPARATION CELLULAIRE CONTENANT UNE CELLULE ENGAGEE DU MYOCARDE**

[72] OKURA, HANAYUKI, JP

[72] MATSUYAMA, AKIFUMI, JP

[71] RIKEN, JP

[71] MATSUYAMA, AKIFUMI, JP

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[54] **DISPOSITIF DE MISE EN BOULE DE PATE ALIMENTAIRE ET PROCEDE DE MISE EN BOULE DE PATE ALIMENTAIRE**

[72] MORIKAWA, MICHIO, JP

[72] HIGUCHI, KATSUMICHI, JP

[72] TAKAMA, AKINORI, JP

[72] SATO, SHUYA, JP

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[71] RHEON AUTOMATIC MACHINERY CO., LTD., JP

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[54] **UNITE DE COMBINAISON D'UNITES DE TRAITEMENT**
[72] HEATH, RODNEY T., US
[72] HEATH, GARY, US
[72] HEATH, FORREST D., US
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[54] **SYSTEME DE PILE A COMBUSTIBLE**
[72] SHIMADA, KAZUHIRO, JP
[72] CHIKUGO, HAYATO, JP
[71] NISSAN MOTOR CO., LTD., JP
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[54] **DRILLING SPEED AND DEPTH COMPUTATION FOR DOWNHOLE TOOLS**
[54] **CALCUL DE VITESSE ET DE PROFONDEUR DE FORAGE POUR OUTIL DE FOND DE Puits**
[72] SUGIURA, JUNICHI, GB
[71] SCHLUMBERGER CANADA LIMITED, CA
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[72] RAN, ALEXANDER S., US
[71] INTUIT INC., US
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[54] **STORE VENITIEN, SON MODULE DE COMMANDE ET SON PROCEDE D'ACTIONNEMENT**
[72] YU, FU-LAI, TW
[72] HUANG, CHIN-TIEN, TW
[71] TEH YOR CO., LTD., TW
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[54] **METHODE ET SYSTEME DE TRAITEMENT DE TISSUS BIOLOGIQUES**
[72] MATHENY, ROBERT G., US
[71] CORMATRIX CARDIOVASCULAR, INC., US
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[54] **MATERIAU D'ISOLATION ELECTRIQUE**
[72] TURPIN, ROBERT H., US
[72] STANKES, DAVID S., US
[72] FOX, MARTIN H., US
[72] HUANG, MITCHELL T., US
[71] 3M INNOVATIVE PROPERTIES COMPANY, US
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[72] MALLAMPALLI, RAMA K., US
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[54] **RETORTABLE PLASTIC CONTAINERS**

[54] **CONTENANTS EN PLASTIQUE STERILISABLES EN AUTOCLAVE**

[72] YOURIST, SHELDON E., US

[72] PEACOCK, APRIL M., US

[72] LEWIS, BENTON A., US

[71] GRAHAM PACKAGING COMPANY, L.P., US

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[54] **CNS-INFUSED CARBON NANOMATERIALS AND PROCESS THEREFOR**

[54] **NANOMATIERES CARBONEES A NANOSTRUCTURES CARBONEES INFUSEES ET PROCEDE ASSOCIE**

[72] LEDFORD, JORDAN T., US

[72] LASZEWSKI, MATTHEW R., US

[72] MALECKI, HARRY C., US

[71] APPLIED NANOSTRUCTURED SOLUTIONS, LLC, US

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[54] **DEFINITION ET MAPPAGE D'UNE SEMANTIQUE D'INTERFACE D'APPLICATION**

[72] KRISHNAN, PAVITRA, US

[72] BRIDWELL, WILLIAM JEFFREY, US

[72] BOMMASAMUDRA, CHANDRA SHEKAR, US

[71] STAPLES, INC., US

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[25] EN

[54] **METHOD AND DEVICE FOR DETERMINING THE CONSUMPTION OF ELECTRODE MATERIAL DURING THE OPERATION OF AN ELECTRIC FURNACE**

[54] **PROCEDE ET DISPOSITIF DE DETERMINATION DE LA CONSOMMATION DE MATERIAU D'ELECTRODE LORS DE L'EXPLOITATION D'UN FOUR ELECTRIQUE**

[72] WERNER, FRANZ-XAVER, DE

[72] FISCHER, STEFAN, DE

[72] CHRIST, MARTIN, DE

[71] SGL CARBON SE, DE

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[54] **METHOD AND SYSTEM FOR MANOEUVRING A MOBILE MINING MACHINE IN A TUNNEL AND A MOBILE MINING MACHINE**

[54] **PROCEDE ET SYSTEME POUR MANOEUVRER UNE MACHINE MOBILE D'EXPLOITATION MINIERE DANS UN TUNNEL ET MACHINE MOBILE D'EXPLOITATION MINIERE**

[72] MULLER, CHRISTOPH, DE

[72] BIRO, GEORGE, DE

[71] ATLAS COPCO ROCK DRILL AB, SE

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[54] **PLATING BATH FOR ELECTROLESS DEPOSITION OF NICKEL LAYERS**

[54] **BAIN DE PLACAGE POUR DEPOT AUTOCATALYTIC DE COUCHES DE NICKEL**

[72] BRUNNER, HEIKO, DE

[72] PICALIK, JAN, DE

[72] BEJAN, IULIA, DE

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[72] BERA, HOLGER, DE

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[54] **PARTICULATE COMPOSITION FOR FOOD PRODUCTS COMPRISING AND EMULSIFIER COMPOSITION**
[72] KRAGH, HENRIK, DK
[72] JENSEN, HANS HEDEGAARD, DK
[72] MADSEN, FINN, DK
[72] SIMONSEN, BENTE, DK
[71] DUPONT NUTRITION BIOSCIENCES APS, DK
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[25] EN
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[54] **INTERRUPTEUR OPTIQUE SANS COURANT**
[72] LOOS, GUY, LU
[71] LOOS, GUY, LU
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[25] EN
[54] **METHOD AND APPARATUS FOR FABRICATING A BEVERAGE CAPSULE**
[54] **PROCEDE ET APPAREIL DE FABRICATION D'UNE CAPSULE DE BOISSON**
[72] VILLAIN, OLIVIER, CH
[72] MATHIAS, PATRICIA ANN, CH
[72] EICHLER, PAUL, CH
[72] SARRAZIN-HORISBERGER, CELINE, CH
[72] VON BLITTERSDORFF, MARTIN, CH
[72] DJAMER, ABDENOUR, CH
[72] KESSLER, ULRICH, CH
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[71] NESTEC S.A., CH
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[25] EN
[54] **METHOD FOR MANUFACTURING A FLEXIBLE SKIN HAVING AT LEAST ONE INSERT ADHERED THERETO**
[54] **PROCEDE DE FABRICATION D'UNE PEAU FLEXIBLE SUR LAQUELLE ADHERE AU MOINS UN INSERT**
[72] DE WILDE, PETER, BE
[72] BOUCKAERT, JEAN-CHRISTOPHE, BE
[72] DE SWAEF, FILIP, BE
[72] DIERENS, FRANK, BE
[71] RECTICEL AUTOMOBILSYSTEME GMBH, DE
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[13] A1
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[54] **COMPONENT FEED NOZZLE**
[54] **BUSE D'ALIMENTATION DE COMPOSANT**
[72] MOSER, RALF, DE
[72] RENKL, JOSEF, DE
[71] KRAUSSMAFFEI TECHNOLOGIES GMBH, DE
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[54] **RAIL JOINT BARS AND RAIL JOINT ASSEMBLIES**
[54] **BARRES DE JOINT DE RAIL ET ENSEMBLES DE JOINTS DE RAIL**
[72] URMSON, THOMAS W., JR., US
[72] MOSPAN, JOHN W., US
[72] DOWNEY, JOHN M., US
[71] KOPPERS DELAWARE, INC., US
[22] 2004-05-03
[41] 2004-11-02
[62] 2,792,005
[30] US (60/467,451) 2003-05-02

[21] **2,870,028**
[13] A1
[51] **Int.Cl. F21V 7/04 (2006.01) F21S 8/08 (2006.01) F21V 7/10 (2006.01)**
[25] EN
[54] **ROADWAY LUMINAIRE AND METHODS OF USE**
[54] **LUMINAIRE POUR L'ECLAIRAGE ROUTIER ET PROCEDES D'UTILISATION**
[72] BOYER, JOHN D., US
[72] VANDEN EYNDEN, JAMES G., US
[71] LSI INDUSTRIES, INC., US
[22] 2008-10-14
[41] 2009-04-23
[62] 2,813,102
[30] US (60/980,562) 2007-10-17
[30] US (12/166,536) 2008-07-02

[21] **2,870,392**
[13] A1
[51] **Int.Cl. A61F 2/06 (2013.01)**
[25] EN
[54] **FLOW REDUCING IMPLANT**
[54] **IMPLANT REDUCTEUR DE FLUX**
[72] BEN MUVHAR, SHMUEL, IL
[72] SHALEV, IAN, IL
[72] TSEHORI, JONATHAN, IL
[72] DARVISH, NISSIM, IL
[71] NEOVASC MEDICAL LTD., IL
[22] 2002-10-03
[41] 2003-04-10
[62] 2,769,574
[30] IL (145750) 2001-10-04
[30] IL (151162) 2002-08-08

[21] **2,870,417**
[13] A1
[51] **Int.Cl. F16H 25/24 (2006.01) F16H 57/01 (2012.01) B64C 13/28 (2006.01) B64C 13/50 (2006.01) F16H 25/22 (2006.01)**
[25] EN
[54] **BALLSCREW ASSEMBLY WITH DETECTION FEATURE**
[54] **ENSEMBLE VIS A BILLES AVEC CARACTERISTIQUE DE DETECTION**
[72] CAVALIER, DONALD R., US
[72] MAINES, GAREN R., US
[71] EATON CORPORATION, US
[22] 2009-12-23
[41] 2010-07-08
[62] 2,748,415
[30] US (12/346,519) 2008-12-30

[21] **2,870,934**
[13] A1
[51] **Int.Cl. A61M 1/12 (2006.01) A61F 2/48 (2006.01) H02J 17/00 (2006.01)**
[25] EN
[54] **TET SYSTEM FOR IMPLANTED MEDICAL DEVICE**
[54] **SYSTEME TET POUR DISPOSITIF MEDICAL IMPLANTE**
[72] YOMTOV, BARRY, US
[72] BATTY, JOHN ROBERT, US
[71] HEARTWARE, INC., US
[22] 2009-09-10
[41] 2010-03-18
[62] 2,734,775
[30] US (61/191,595) 2008-09-10

[21] **2,871,742**
[13] A1
[51] **Int.Cl. A61B 17/22 (2006.01)**
[25] EN
[54] **VASCULAR TREATMENT DEVICE**
[54] **DISPOSITIF DE TRAITEMENT VASCULAIRE**
[72] TAL, MICHAEL, US
[72] MARANO, JOHN P., US
[72] THOMPSON, STANLEY O., US
[71] LABAK, CHRIS, US
[71] VASCULAR INSIGHTS LLC, US
[22] 2007-09-13
[41] 2008-03-20
[62] 2,662,958
[30] US (60/825,529) 2006-09-13
[30] US (60/916,110) 2007-05-04

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[21] **2,871,855**
[13] A1

[51] **Int.Cl. C07D 207/22 (2006.01) C12N 15/52 (2006.01) C12N 15/53 (2006.01) C12P 13/04 (2006.01) C12P 17/10 (2006.01) C12P 21/00 (2006.01) C07K 5/02 (2006.01)**

[25] EN

[54] **BIOSYNTHETICALLY GENERATED PYRROLINE-CARBOXY-LYSINE AND SITE SPECIFIC PROTEIN MODIFICATIONS VIA CHEMICAL DERIVATIZATION OF PYRROLINE-CARBOXY-LYSINE AND PYRROLYSINE RESIDUE**

[54] **PYRROLINE-CARBOXY-LYSINE PRODUITE PAR BIOSYNTHESE ET MODIFICATIONS DE PROTEINES SPECIFIQUES DE SITE OBTENUES PAR UNE DERIVATISATION CHIMIQUE DE PYRROLINE-CARBOXY-LYSINE ET DE RESIDUS DE PYRROLYSINE**

[72] GEIERSTANGER, BERNHARD, US

[72] OU, WEIJIA, US

[72] CELLITTI, SUSAN E., US

[72] UNO, TETSUO, US

[72] CROSSGROVE, TIFFANY, US

[72] CHIU, HSIEN-PO, US

[72] GRUNEWALD, JAN, US

[72] HAO, XUESHI, US

[71] IRM LLC, BM

[22] 2009-10-23

[41] 2010-04-29

[62] 2,742,043

[30] US (61/108,434) 2008-10-24

[21] **2,872,281**
[13] A1

[51] **Int.Cl. A61M 15/00 (2006.01)**

[25] EN

[54] **A DISPERSING UNIT FOR A POWDER INHALER**

[54] **UNITE DE DISPERSION POUR UN INHALATEUR DE POUDRE**

[72] JAUERNIG, JURGEN, DE

[72] WEUTHEN, THOMAS, DE

[72] MACKEBEN, STEFAN, DE

[71] SANOFI SA, FR

[22] 2007-01-09

[41] 2007-08-30

[62] 2,641,557

[30] DE (10 2006 007 495.5) 2006-02-17

[21] **2,872,297**
[13] A1

[51] **Int.Cl. A61M 27/00 (2006.01) A61M 1/00 (2006.01)**

[25] EN

[54] **PORTABLE WOUND THERAPY SYSTEM**

[54] **SYSTEME PORTATIF POUR THERAPIE DE BLESSURES**

[72] MULLIGAN, SHARON, US

[72] FINK, DAVID, US

[72] HEAGLE, DAVID, US

[71] SMITH & NEPHEW, INC., US

[22] 2007-09-27

[41] 2008-03-28

[62] 2,604,623

[30] US (60/847,886) 2006-09-28

[21] **2,872,361**
[13] A1

[51] **Int.Cl. F16L 55/12 (2006.01) F16L 55/105 (2006.01) F16L 55/11 (2006.01)**

[25] EN

[54] **RESILIENT PLUG APPARATUS AND METHOD OF USE**

[54] **BOUCHON SOUPLE ET METHODE D'UTILISATION**

[72] GERMAN, MIKHAIL, US

[72] FLEURY, LEO, US

[71] MUELLER INTERNATIONAL, LLC, US

[22] 2010-06-03

[41] 2010-12-03

[62] 2,783,410

[30] US (61/183,711) 2009-06-03

[21] **2,872,988**
[13] A1

[51] **Int.Cl. B65D 3/24 (2006.01) B65D 43/16 (2006.01) B65D 51/28 (2006.01)**

[25] EN

[54] **PUSH BUTTON FLIP TOP WITH ATTACHED SECOND CONTAINER**

[54] **ABATTANT A BOUTON-POUSOIR AVEC SECOND CONTENANT SOLIDAIRE**

[72] BLENDL, CAROL, GB

[72] SHABUDIN, ESAK, GB

[72] WALLWORK, MARTIN NOEL, GB

[72] PRESCHKE, MARTIN, GB

[72] GOTIKE, SABINE, GB

[71] INTERCONTINENTAL GREAT BRANDS LLC, US

[22] 2008-08-12

[41] 2009-02-17

[62] 2,638,632

[30] US (11/840,651) 2007-08-17

[21] **2,873,198**
[13] A1

[51] **Int.Cl. E21B 23/06 (2006.01) E21B 23/01 (2006.01) E21B 33/12 (2006.01) E21B 33/124 (2006.01) E21B 33/129 (2006.01)**

[25] EN

[54] **MULTI-STAGE WELL ISOLATION AND FRACTURING**

[54] **ISOLATION DE Puits MULTITAGE ET FRACTURATION**

[72] HUGHES, JOHN, CA

[72] RASMUSSEN, RYAN D., CA

[72] SCHMIDT, JAMES W., CA

[71] RESOURCE COMPLETION SYSTEMS INC., CA

[22] 2013-12-20

[41] 2014-03-12

[62] 2,838,092

[30] US (61/745,123) 2012-12-21

[21] **2,874,887**
[13] A1

[51] **Int.Cl. G07B 15/06 (2011.01)**

[25] EN

[54] **BILLING A RENTED THIRD PARTY TRANSPORT INCLUDING AN ON-BOARD UNIT**

[54] **FACTURATION D'UN MOYEN DE TRANSPORT DE TIERS LOUE COMPRENANT UNE UNITE EMBARQUEE**

[72] ROBINSON, BENJAMIN P., US

[72] BALACHANDRAN, SARATH K., US

[71] RENT A TOLL, LTD., US

[22] 2007-01-09

[41] 2007-07-19

[62] 2,636,507

[30] US (60/757,405) 2006-01-09

[30] US (60/757,347) 2006-01-09

[30] US (11/644,261) 2006-12-22

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[21] **2,874,913**

[13] A1

[51] **Int.Cl. E21B 34/14 (2006.01) E21B
33/129 (2006.01)**

[25] EN

[54] **MULTI-STAGE WELL ISOLATION
AND FRACTURING**

[54] **ISOLATION DE PUITTS
MULTIETAGE ET
FRACTURATION**

[72] HUGHES, JOHN, CA

[72] RASMUSSEN, RYAN D., CA

[72] SCHMIDT, JAMES W., CA

[71] RESOURCE COMPLETION
SYSTEMS INC., CA

[22] 2013-12-20

[41] 2014-03-12

[62] 2,838,092

[30] US (61/745,123) 2012-12-21

[21] **2,874,924**

[13] A1

[51] **Int.Cl. A24F 47/00 (2006.01)**

[25] EN

[54] **A NON-SMOKABLE ELECTRONIC
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[54] **CIGARETTE SANS FUMEE A
PULVERISATION
ELECTRONIQUE**

[72] LIK, HON, CN

[71] FONTEM HOLDINGS I B.V., NL

[22] 2004-03-08

[41] 2004-11-11

[62] 2,752,134

[30] CN (03111582.9) 2003-04-29

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ASRAR, JAWED	2,854,807	CHOPRA, NAVEEN	2,852,317	FROLUND, SOREN	2,854,309
ASTRIUM GMBH	2,854,151	CHOPRA, NAVEEN	2,852,341	G.E.T. HYDRAULICS LTD.	2,820,749
AUBEE, NORMAN D.J.	2,819,930	CNH INDUSTRIAL AMERICA		GABRIEL, SEBASTIEN	
AUTOMATED PACKAGING		LLC	2,848,688	VINCENT	2,823,170
SYSTEMS, INC.	2,854,792	COLLISON, CHAD A.	2,826,979	GAGNON, CATHERINE	2,820,635
BAILEY, KEVIN	2,854,771	COMCAST CABLE		GAGNON, STEPHANE	2,852,110
BAKER HUGHES		COMMUNICATIONS, LLC	2,855,183	GALIA, MONICA BASSAS	2,852,770
INCORPORATED	2,851,015	COULMEAU, FRANCOIS	2,854,811	GALIA, MONICA BASSAS	2,852,772
BALIKE, KRISHNA PRASAD	2,854,727	COVIDIEN LP	2,850,755	GALLANT, ROBERT	2,855,101
BANSAL, NILESH	2,821,164	CURTIS, JUSTIN RICHARD	2,854,726	GAMAIN, CLAUDE	2,855,097
BARRAY, FRANCIS	2,820,635	D'AMATO, MICHAEL	2,852,341	GAO, SHOUYONG	2,855,011
BERGERON, MARK A.	2,854,733	D'AMOUR, SYLVAIN	2,820,482	GAO, XIAOLIANG	2,820,501
BERGLUND, CARL FREDRIK		DANSK MINK PAPIR A/S	2,854,309	GARDENFORS, DAN	
ALEXANDER	2,854,753	DAVIS, GORDON DALE	2,852,413	ZACHARIAS	2,854,753
BERMES, STEVEN P.	2,850,680	DAVIS, MATTHEW	2,820,487	GARDENFORS, DAN	
BERMES, STEVEN P.	2,850,740	DAY, DAN DRESSKELL	2,852,413	ZACHARIAS	2,854,759
BERMES, STEVEN P.	2,850,744	DEAN, TIM	2,820,365	GARDNER, SANDRA J.	2,852,341
BERMES, STEVEN P.	2,850,749	DELAWARE CAPITAL		GENERAL ELECTRIC	
BESSEY, CHRISTOPHER	2,852,592	FORMATION, INC.	2,855,036	COMPANY	2,854,703
BIOSENSE WEBSTER		DESODT, GUY	2,854,620	GENERAL ELECTRIC	
(ISRAEL), LTD.	2,855,165	DI CRISTOFARO, VINCENZO		COMPANY	2,854,726
BIOSENSE WEBSTER		E.	2,853,265	GEORGE, KIM	2,851,832
(ISRAEL), LTD.	2,855,166	DIEHL AIRCABIN GMBH	2,852,566	GERBER, BRANDON SHANE	2,854,703
BIXLER, CRAIG S.	2,826,539	DIETZ, ALBERT G., III	2,854,807	GILBERT, JAMES A.	2,850,755
BJORN, PAUL V.	2,820,570	DIETZ, JACOB M.	2,854,214	GILFOYLE, CHRISTOPHER	
BLACKBERRY LIMITED	2,854,753	DIETZ, JACOB M.	2,854,340	JAMES	2,820,432
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BLACKBERRY LIMITED	2,854,791	SYSTEMS		YECHIZKEL	2,855,166
BLACKBERRY LIMITED	2,855,237	INTERNATIONAL (DCSI)		GOLDADE, TRACEY M.	2,820,564
BLACKBURN, JOCELYN	2,854,813	INC.	2,820,326	GOLDSTEIN, BRETT	2,855,038
BLALOCK, EDWARD	2,850,805	DODGE, ARTHUR B. III	2,854,750	GOOGLE INC.	2,823,170
BONYAK, YEVGENY	2,855,166	DRILLCO TOOLS S.A.	2,820,747	GREEN, MATTHEW C.	2,855,296
BOOMGAARDEN, GUNTER	2,819,972	DRITTE PATENTPORTFOLIO		GRIMARD, NICOLAS	2,820,732
BOOMGAARDEN, GUNTER	2,848,796	BETEILIGUNGSGESELLS		GUERFI, ABDELBAST	2,820,468
BOWIE, ANGUS G.	2,854,963	CHAFT MBH & CO. KG	2,852,770	GUERFI, ABDELBAST	2,820,635
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GYRODATA, INCORPORATED	2,854,746	KARAU, WILLIAM H.	2,855,102	MECKES, RUDIGER	2,848,796
GYRUS MEDICAL LIMITED	2,854,378	KASS, ALEX	2,855,038	MERCEA, CORNEL	2,854,791
HAARSTAD, EVERETT A.	2,820,749	KAUL, STEFAN	2,854,151	METTLER-TOLEDO SAFELINE	
HAARSTAD, TYLER	2,820,749	KEOGH, RICHARD JOHN	2,854,378	X-RAY LTD.	2,852,521
HAMILTON SUNDSTRAND		KIEWIN, JAMES P. S.	2,854,747	MICHALSKI, CATHERINE	2,853,035
CORPORATION	2,855,096	KIM, CHISU	2,820,635	MILLER, BRADLEY ROY	2,854,220
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LESTER	2,848,688	KING, NIGEL JOHN	2,852,521	MILLS, GAVIN	2,852,592
HAUL-ALL EQUIPMENT LTD.	2,819,806	KINZIE, KEVIN WAYNE	2,854,726	MIZRAHI, LIRON SHMUEL	2,855,166
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HE, YANBIAO	2,855,011	KNIGHT, STEPHEN J., III	2,838,374	MOLINARI, GABRIELLA	2,852,772
HE, ZHIWEI	2,820,501	KORNELSEN, RONALD	2,819,927	MONCEK, MATTHEW DANIEL	2,819,672
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HOFFMANN, FREDERIK	2,848,796	KUANG, RANDY	2,855,043	MULTER, SCOTT	2,853,035
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HOLDEN, JENNIFER A.	2,826,539	KUMAR, ASHWANI	2,854,835	MUNJAL, LEENA	2,853,035
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HONDA MOTOR CO., LTD.	2,819,814	KUSHAL, SETH	2,851,015	NAFSHI, ELAD	2,855,183
HOODLESS, RICHARD JOHN	2,854,378	LACAZEDIEU, MARC	2,854,506	NANDI, SOUVIK	2,854,807
HOU, GUANCHENG	2,855,011	LACOMBE, ANTOINE	2,854,811	NAYGEBOREN, DANIEL D.	2,852,110
HROMI, JONATHAN	2,852,111	LANG, ALFRED	2,855,131	NEWSOME, CHARLES	
HSU, WEN-CHIEN	2,820,676	LANGENDERFER, TERENCE	2,854,781	BENJAMIN	2,854,389
HUANG, PEI-TE	2,820,676	LARINKARI, MARTTI	2,852,222	NIEN MADE ENTERPRISE CO.,	
HUERTH, WAYNE A	2,855,144	LARSON, KIM MARIE	2,852,413	LTD.	2,852,301
HUME, DALE	2,819,325	LEBLANC, DOMINIC	2,820,468	NIGUL, LEBO	2,819,539
HYDRO-QUEBEC	2,820,468	LEE, DONGJAI	2,854,726	NINVE JR. INC.	2,820,568
HYDRO-QUEBEC	2,820,635	LERNER, HERSHEY	2,854,792	NOVA CHEMICALS	
IBM CANADA LIMITED - IBM		LEVIN, MICHAEL	2,855,166	CORPORATION	2,819,930
CANADA LIMITEE	2,819,539	LEWIN, MATTHIAS	2,854,759	NOVA CHEMICALS	
IDZIK, JACEK S.	2,854,791	LI, QINGGUO	2,855,148	CORPORATION	2,820,501
IFTIME, GABRIEL	2,852,317	LICHTENSTEIN, YOAV	2,855,166	NOVAE CORPORATION	2,850,680
IFTIME, GABRIEL	2,852,341	LIGHTBODY, OWEN C.	2,819,930	NOVAE CORPORATION	2,850,740
INBAY TECHNOLOGIES INC.	2,855,043	LILJEDAHN, GREGORY N.	2,852,655	NOVAE CORPORATION	2,850,744
INFOSEC GLOBAL INC.	2,855,099	LITTLE, HERB	2,855,101	NOVAE CORPORATION	2,850,749
INFOSEC GLOBAL INC.	2,855,101	LIU, PING	2,852,341	NOWZARI, NADER	2,820,042
INO THERAPEUTICS LLC	2,855,261	LIU, YAN-FEI	2,855,148	O'HARE, DAVID ANDREW	2,855,183
INTERTECHNIQUE	2,819,972	LOGHMANI, MASOUD	2,855,038	OSBORN, ROBERT H.	2,855,286
INTERTECHNIQUE	2,848,796	LOVELESS, DANIEL	2,855,035	OTR RECYCLING CORP.	2,819,927
IQBAL, MUHAMMAD		M&Y TRADING CORP.	2,839,148	OUTOTEC (FINLAND) OY	2,852,222
MUZAFFAR	2,868,599	MACGILLIVRAY, JEREMY	2,854,771	PALL CORPORATION	2,854,214
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J2 LIGHT INC.	2,854,771	MARCELL, KEVIN F.	2,852,400	PANASONIC ECOLOGY	
JAFFARI, ANDY A.	2,855,286	MARKETWIRE L.P.	2,821,164	SYSTEMS GUANGDONG	
JASKLOWSKI, CHRISTOPHER		MASELLIS, BEENA S.	2,820,457	CO., LTD.	2,855,011
T.	2,852,432	MAURE, MICHAEL JOSEPH	2,819,814	PAVESTONE, LLC	2,854,940
JAY-LOR INTERNATIONAL		MAYNARD, KYLE	2,820,365	PAVESTONE, LLC	2,855,100
INC.	2,852,592	MAYO, JAMES D.	2,852,317	PAVESTONE, LLC	2,855,102
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JITKOFF, JOHN NICHOLAS	2,823,170	MAZOYER, PATRICK	2,854,811	ENRIQUE	2,853,663
JOHNS MANVILLE	2,854,807	MCDONOUGH, JOHN	2,852,111	PENNY, SCOTT	2,820,730
JOHNSON CONCRETE		MCELHINNEY, GRAHAM		PERLEY, THOMAS FRANKLIN	2,854,703
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JONSSON, ULF	2,854,537	ADAM	2,820,602	PHAGOO, DEONARINE	2,854,835
JOSSE, JUAN CARLOS	2,854,835	MCMAHON, JIM	2,820,204	PLANTE, JEAN-LUC	2,854,620
JUKKOLA, GLEN D.	2,852,655	MCMURRAY, GREG	2,855,144	POTENZIANO, JIM	2,855,261
KAMIN, GEORGE	2,855,165	MCOGEN, INC.	2,855,181		

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PRATT & WHITNEY CANADA CORP.	2,854,727	TANG, POI LOON	2,851,832	WALL, JODY RYAN	2,854,389
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PROUDFOOT, GAVIN CRAIG	2,858,057	TAYLOR, ROB	2,820,730	WARIKOO, RAMAN	2,854,727
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RASTOGI, RAHUL	2,854,703	THALES	2,854,811	WESTON AEROSPACE LIMITED	2,855,035
RAULAND-BORG CORPORATION	2,826,539	THE BOEING COMPANY	2,847,635	WESTON, JOHN LIONEL	2,854,746
RAY, MARK	2,854,288	THE BOEING COMPANY	2,851,451	WESTPHAL, ANDREAS	2,848,796
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RITTNER, WOLFGANG	2,819,972	THE BOEING COMPANY	2,851,940	WILKERSON, RANDALL DOW	2,851,940
RITTNER, WOLFGANG	2,848,796	THE BOEING COMPANY	2,852,413	WILL, GARY	2,854,220
RIVAS, SAGRARIO ARIAS	2,852,770	THE BOEING COMPANY	2,852,432	WILLIAMS, DONALD	2,855,181
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RUTHERFORD, MICHAEL	2,850,805	THIBEAULT, PAUL R.	2,852,655	WU, YI-CHENG	2,820,676
SABA, EITAN MOSHE	2,855,166	THOMAS & BETTS INTERNATIONAL, INC.	2,855,286	WU, YILIANG	2,852,317
SALTISOV, LEON	2,820,260	TIETZEN, TERRANCE PATRICK	2,855,317	WU, YILIANG	2,852,341
SANDEN, GRANT I.	2,855,048	TIKUISIS, TONY	2,819,930	WYSOCKI, GARY R.	2,855,096
SCHROEDER, PETER	2,819,927	TIMMIS, KENNETH NIGEL	2,852,770	XAVIER, STANISLUS KISITO	2,855,043
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SEARS BRANDS, LLC	2,853,035	TOH, CHIN H.	2,851,451	YAN, FENGWEI	2,855,011
SEEL, STEFAN	2,819,804	TOMA, BERNARD J.	2,820,326	YANG, BIN	2,826,539
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SHEPERTYCKY, MICHAEL Y.	2,855,148	TRESS, TAB A.	2,852,400	YANG, TAI-HER	2,854,681
SHIPATER, PINHAS	2,820,568	TRIEBEL, PETER	2,854,507	YANG, TAI-HER	2,855,050
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AIRCELLE	2,874,959	ASTEX THERAPEUTICS LIMITED	2,874,967	BAUDART, THIERRY	2,875,059
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